

FY 2010

Congressional Budget Justification

FOREIGN ASSISTANCE

Title IV Supporting Information

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Estimating Foreign Military Sales

Foreign Military Sales (FMS) policies derive from U.S. statutes, Presidential directives, and policies of the U.S. Departments of State and Defense. The U.S. offers to sell defense articles and services (including training) under FMS procedures only in response to specific requests from authorized representatives from foreign governments or eligible international organizations.

The following table is in two parts. The first part shows the total dollar value by country of government-to-government FMS Letters of Offer and Acceptance (LOAs) signed in FY 2008, regardless of when the articles and services were or will be delivered.

The second part shows the estimated dollar values projected for FY 2009 and FY 2010. These estimates were derived through:

- a. An analysis of each country's historical FMS sales record (past 10 years).
- b. In-depth, multi-tiered evaluation of each item contained on individual country lists of potential sales (based on inputs by the Security Assistance Offices, Military Departments, and reviewed by DSCA Regional Directorates). Each entry is evaluated for:
 - (i) Likelihood of sale, in and of itself, to be made in the year listed.
 - (ii) Likelihood that the sale will go FMS and not Direct Commercial Sales (DCS).
 - (iii) Release considerations, if any, associated with the item and likelihood for approval and sale after completion of the thorough U.S. Government review process.
 - (iv) A judgment of how essential the listed military equipment of defense service is to the country's defense needs.
 - (v) Whether the country's foreign procurement budget, as a whole, is adequate to fund the listed item in its entirety or possibly, at a lesser amount of quantity and dollars.
 - (vi) Whether the funding required to make the purchase will in fact be approved by the purchasing country's budget process.
- c. Consideration of potential economic and political/military factors over the time frame concerned.

Each phase of the FMS LOA request/offer/acceptance process has many variables that make it difficult to determine exactly when – or even if – a particular sale may occur. Variance of one day in a purchasing country's acceptance of a single significant sales agreement could shift the recording of the transaction from one fiscal year to the next.

AECA Section 25 Sales Estimates

(\$ in thousands)

	ACTUAL	ESTIMATED	
	FY 2008	FY 2009	FY 2010
Africa:			
African Union	—	—	—
Angola	—	—	—
Benin	—	—	—
Botswana	136	3,850	200
Burkina Faso	—	—	—
Burundi	200	—	—
Cameroon	240	—	—
Cape Verde	200	—	—
Central Africa Republic	—	—	—
Chad	368	—	500
Comoros	895	—	—
Democratic Republic of Congo	250	600	2,450
Djibouti	3,294	2,800	2,500
Eritrea	—	—	—
Ethiopia	2,318	4,000	3,000
Gabon	300	—	200
Gambia	—	—	—
Ghana	139	300	450
Guinea	200	300	200
Kenya	13,999	100	1,000
Lesotho	50	—	—
Liberia	343	1,500	9,000
Madagascar	126	—	—
Malawi	—	—	—
Mali	—	—	200
Mauritania	—	—	—
Mauritius	383	—	—
Mozambique	611	—	—
Niger	—	—	—
Nigeria	285	1,350	1,350
Republic of Congo	—	—	—
Rwanda	—	—	—
Sao Tome & Principe	—	—	—
Senegal	531	—	400
Seychelles	—	—	—
Sierra Leone	250	—	—
South Africa	—	—	800
Swaziland	—	—	—
Tanzania	—	—	200
Togo	—	—	—
Uganda	—	—	300

AECA Section 25 Sales Estimates

(\$ in thousands)

	ACTUAL	ESTIMATED	
	FY 2008	FY 2009	FY 2010
Africa Con't:			
Zambia	—	—	—
Regional Total	25,118	14,800	22,750
East Asia & Pacific:			
Australia	1,138,270	604,600	2,200,000
Brunei	1,500	—	—
Cambodia	304	2,750	1,000
East Timor	1,061	—	1,000
Fiji	—	—	250
Indonesia	3,322	18,000	20,000
Japan	840,523	433,808	1,290,669
Korea (Seoul)	1,127,155	1,084,844	1,006,416
Malaysia	28,979	55,000	642,000
Maldives	—	—	—
Mongolia	7,137	2,000	7,000
New Zealand	14,401	—	—
Papua New Guinea	—	—	—
Rep of Philippines	72,904	18,247	15,650
Singapore	445,655	173,750	231,710
Thailand	56,410	64,080	166,860
Tonga	913	500	750
Vanuatu	—	—	—
Vietnam	—	500	1,345
Regional Total	3,738,534	2,458,079	5,584,650
Europe & Eurasia:			
Albania	9,224	20,200	43,550
Armenia	7,563	3,000	3,000
Austria	14,485	2,000	—
Azerbaijan	5,908	3,000	4,000
Belgium	10,802	30,815	21,641
Bosnia-Herzegovina	3,900	8,000	8,500
Bulgaria	19,164	19,000	13,200
Croatia	515	39,900	4,900
Czech Republic	4,725	6,900	5,900
Denmark	67,820	102,990	61,080
Estonia	5,687	5,200	4,000
Finland	33,534	434,400	11,000
France	120,775	434,600	15,100
Georgia	50,404	11,800	14,000
Germany	166,757	468,293	280,035
Greece	225,097	37,200	—
Hungary	20,784	11,300	2,200

AECA Section 25 Sales Estimates

(\$ in thousands)

	ACTUAL	ESTIMATED	
	FY 2008	FY 2009	FY 2010
Europe & Eurasia Con't:			
Iceland	2,937	—	—
Ireland	562	—	—
Italy	73,593	420,000	160,000
Kosovo	—	6,800	9,000
Latvia	3,189	8,656	7,585
Lithuania	2,793	10,350	7,400
Luxembourg	670	—	332
Macedonia	4,603	10,800	8,500
Malta	—	1,000	—
Moldova	1,130	1,200	1,500
Montenegro	880	1,000	2,200
Netherlands	226,338	84,000	335,610
Norway	283,068	625,400	20,000
Poland	79,800	84,000	104,500
Portugal	51,458	22,300	—
Romania	45,324	75,000	357,750
Serbia	311	1,500	1,500
Slovakia	2,444	2,600	1,500
Slovenia	5,413	1,100	56,000
Spain	130,338	9,100	—
Sweden	14,159	1,200	6,200
Switzerland	25,692	354,200	—
Turkey	366,998	681,236	120,000
Ukraine	7,280	8,400	11,000
United Kingdom	1,100,722	162,825	96,825
Regional Total	3,196,846	4,211,265	1,799,508
Near East:			
Bahrain	85,130	103,000	313,000
Egypt	2,356,968	1,599,906	1,300,000
Iraq	2,548,485	3,500,000	2,200,700
Israel	1,356,802	3,457,300	1,120,000
Jordan	273,130	270,000	775,000
Kuwait	559,459	949,720	481,600
Lebanon	54,406	62,200	100,000
Morocco	2,415,516	232,910	19,220
Oman	34,361	172,750	16,000
Qatar	17,352	124,000	2,701,000
Saudi Arabia	6,107,610	3,527,300	1,402,900
Tunisia	10,073	22,910	20,910
United Arab Emirates	634,600	9,149,912	7,310,000
Yemen	11,670	12,725	23,003
Regional Total	16,465,562	23,184,633	17,783,333

AECA Section 25 Sales Estimates

(\$ in thousands)

	ACTUAL	ESTIMATED	
	FY 2008	FY 2009	FY 2010
South & Central Asia:			
Afghanistan	1,044	1,000	1,000
Bangladesh	—	1,000	2,500
India	1,006,239	30,500	283,000
Kazakhstan	772	7,000	9,400
Kyrgyz Republic	569	4,000	3,000
Nepal	—	—	1,100
Pakistan	336,894	269,000	500,000
Sri Lanka	—	900	1,600
Tajikistan	—	675	1,500
Turkmenistan	—	150	1,500
Uzbekistan	—	3,000	1,000
Region Total	1,345,518	317,225	805,600
Western Hemisphere:			
Antigua-Barbuda	239	100	653
Argentina	41,427	35,700	3,300
Bahamas	190	150	260
Barbados	—	400	800
Belize	195	200	200
Bolivia	—	—	—
Brazil	349,886	45,000	—
Canada	579,479	177,700	160,700
Chile	62,968	33,000	750
Colombia	258,164	93,300	67,000
Costa Rica	—	1,541	325
Dominica	104	100	653
Dominican Republic	679	1,900	16,000
Ecuador	2,839	4,805	2,615
El Salvador	22,414	4,800	4,800
Grenada	104	100	653
Guatemala	—	500	1,643
Guyana	—	300	735
Haiti	60	1,600	1,600
Honduras	394	900	1,300
Jamaica	370	1,100	1,300
Mexico	4,109	122,700	270,000
Nicaragua	1,396	900	1,300
Panama	733	2,250	2,100
Paraguay	—	111	750
Peru	16,401	3,660	3,000
St. Kitts & Nevis	—	100	653
St. Lucia	50	100	653
St. Vincent & Grenadines	50	100	550

AECA Section 25 Sales Estimates

(\$ in thousands)

	ACTUAL	ESTIMATED	
	FY 2008	FY 2009	FY 2010
Suriname	—	300	751
Trinidad & Tobago	—	500	750
Uruguay	684	500	20,050
Regional Total	<u>1,342,935</u>	<u>534,417</u>	<u>565,844</u>
Non-Regional:			
Classified Totals (A)	3,010,059	6,545,000	10,260,000
International Org.	47,354	75,280	78,214
Non-Regional Total	<u>3,057,413</u>	<u>6,620,280</u>	<u>10,338,214</u>
Worldwide Total	29,171,926	37,340,699	36,899,899

Note: Totals May Not Add Due To Rounding

(A) For further information, please see the classified annex to this document.

Foreign Military Sales Administrative Costs

The Foreign Military Sales (FMS) program is implemented, for the most part, by the same Department of Defense personnel who work in the military departments and defense agency procurement, logistics support and administrative organizations established to carry out DoD's requirements for procurement and support of weapons, equipment, supplies and services needed by our Army, Navy, Air Force and Marines. A small number of fully dedicated security assistance organizations and personnel are also employed by the military departments and defense agencies in accomplishing the FMS mission. This integration of FMS provides organizational efficiencies and procurement cost economies to both the U.S. and the FMS customer countries.

The Arms Export Control Act (AECA) requires that the costs of implementing FMS be paid by FMS customer countries. To satisfy this requirement, an "administrative surcharge" of three point eight percent (3.8%) is applied to FMS cases written on or after August 1, 2006. For cases that were written between June 1, 1999 and July 31, 2006 a two and half percent (2.5%) surcharge was applied. These administrative funds collected from the FMS customer are made available to the military departments and defense agencies to pay for their FMS administrative costs related to such functions as FMS case preparation (including preparation of price and availability estimates/information), sales negotiations, case implementation and execution, procurement, program control, ADP operations, accounting, budgeting and other financial program management. Operating costs of overseas Security Assistance Organizations (SAOs) relating to support of the FMS programs are also financed from FMS administrative funds. DSCA administers an annual budget process to develop estimated funding requirements and establish approved administrative funding levels.

The ceiling included in Foreign Operations, Export Financing and Related Programs Appropriations Act of 2008, was \$435 million, the request for 2009 of \$470 million. Through a Congressional Notification dated 15 December 2008, the ceiling was increased to \$513.8 million. All FMS administrative budget obligations and expenditures are from FMS customers' funds that have been collected into the U.S. Treasury in the Foreign Military Sales Trust Fund account. There is no net outlay impact on the U.S. budget from the operations of the FMS administrative budget.

In FY 2010, \$594 million is required. DoD's FMS workload is significantly increasing as indicated by actual sales between FYs 2001-2005 in the \$10-13 billion range; FY 2006 and 2007 sales were over \$20 billion and sales for FY 2008 are in the \$38 billion range. Projected Sales for FY 2009 are \$42 billion. Additionally, there are major infrastructure investments required, including Information Technology.

The following table shows FMS administrative budget amounts for FYs 2008-2010.

Foreign Military Sales Administrative Costs/Workyears
(\$ in millions)

	FY 2008 Actual		FY 2009 Estimate		FY 2010 Request	
	Workyrs	Dollars	Workyrs	Dollars	Workyrs	Dollars
Military Departments	2,306	288.134	2,970	333.018	3,276	375.750
Other Defense Activities	677	107.791	666	138.896	676	176.846
Overseas (Net)	394	39.075	401	41.886	406	41.400
Total	3,377	435.000	4,037	513.800	4,358	593.996

Overseas Military Program Management

United States military and civilian personnel are assigned to Security Cooperation Organizations (SCOs) overseas to ensure effective planning and management of host country security assistance/cooperation programs. SCO personnel (including local national hires) serve under the authority of the Chiefs of U.S. Diplomatic Missions. Each SCO provides liaison between the Mission, the Department of Defense, and the host country defense establishment in security assistance/cooperation matters.

SCO personnel work closely with members of the host country defense establishment to develop and execute security assistance/cooperation programs, such as Foreign Military Sales (FMS), Foreign Military Financing (FMF), and International Military Education and Training (IMET), among others. These programs are key to the development of a defense infrastructure capable of integrating U.S. weapons and support systems into the existing force structure. Professional military personnel exchanges and cooperative planning contribute to effective and efficient country security assistance/cooperation programs.

The Department of Defense reviews staffing authorizations in coordination with the Department of State, the Chiefs of U.S. Diplomatic Missions, and the Geographic Combatant Commands to ensure that SCOs are properly staffed to conduct their missions efficiently.

In FY 2009, separate SCOs will be assigned to 106 countries. In 13 additional countries, programs will be administered by augmentation personnel assigned to carry out security assistance management functions under the supervision of the Defense Attaché or other Mission staff. In other countries with which the U.S. maintains a security cooperation relationship, Defense Attaches and other Mission personnel manage the programs without augmentation personnel.

The following tables identify the SCO authorized staffing levels and associated costs at the conclusion of FY 2008 and the estimated levels for FY 2009 and FY 2010. Actual assigned strengths for FY 2008 and FY 2009 may be less than the authorized levels shown. Staffing requirements may change as individual country programs develop.

The following is a glossary of SCOs assigned to U.S. Diplomatic Missions overseas that manage host country security assistance/cooperation programs:

U.S. SECURITY COOPERATION ORGANIZATIONS (SCOs)

DAO	Defense Attaché Office	OMC-K	Office of Military Cooperation – Kuwait
JUSMAG	Joint U.S. Military Assistance Group	OSC	Office of Security Cooperation
JUSMAG-K	Joint U.S. Military Affairs Group - Korea	SAAO	Security Assistance Augmentation Office
KUSLO	Kenya U.S. Liaison Office	SAO	Security Assistance Organization
MAP	Military Assistance Program	SCO	Security Cooperation Organization
MDAO	Mutual Defense Assistance Office	USLO	U.S. Liaison Office
ODC	Office of Defense Cooperation	USMAAG	U.S. Military Assistance Advisory Group
ODR	Office of Defense Representative	USMILGP	U.S. Military Group
ODRP	Office of Defense Representative – Pakistan	USMLO	U.S. Military Liaison Office
OMC	Office of Military Cooperation	USMTM	U.S. Military Training Mission - Saudi Arabia
OMC-E	Office of Military Cooperation - Egypt		

Overseas Military Program Management - Costs

(\$ in thousands)

		FY 2008 Actual			FY 2009 Estimate			FY 2010 Proposed		
	Org	FMF	FMS	Total	FMF	FMS	Total	FMF	FMS	Total
<u>Africa:</u>										
Angola	DAO	65	—	65	77	—	77	85	—	85
Benin	EMBASSY	109	—	109	129	—	129	141	—	141
Botswana	ODC	468	117	585	564	123	687	604	126	730
Cameroon	DAO	16	—	16	19	—	19	21	—	21
Cape Verde	EMBASSY	15	—	15	18	—	18	20	—	20
Chad	DAO	86	—	86	102	—	102	489	—	489
Cote d'Ivoire	DAO	22	—	22	26	—	26	29	—	29
Democratic Rep of Congo	DAO	—	—	—	208	—	208	332	—	332
Djibouti	USLO	421	313	734	620	233	853	627	199	826
Eritrea	USLO	152	84	236	203	72	274	196	46	243
Ethiopia	SAO	282	132	414	435	46	481	762	23	785
Gabon	EMBASSY	30	—	30	35	—	35	38	—	38
Ghana	ODC	306	—	306	361	—	361	358	—	358
Guinea	DAO	30	—	30	35	—	35	35	—	35
Guinea-Bissau	EMBASSY	3	—	3	4	—	4	4	—	4
Kenya	KUSLO	876	538	1,414	1,083	556	1,639	1,170	543	1,713
Lesotho	EMBASSY	25	—	25	30	—	30	30	—	30
Liberia	ODC	—	235	235	—	253	253	561	248	809
Libya	ODC	—	—	—	—	—	—	396	1,047	1,443
Madagascar	DAO	141	—	141	166	—	166	182	—	182
Malawi	EMBASSY	96	136	232	141	128	269	125	107	232
Mali	DAO	84	—	84	99	—	99	108	—	108
Mauritania	EMBASSY	78	—	78	92	—	92	101	—	101
Mozambique	DAO	75	—	75	89	—	89	97	—	97
Namibia	DAO	116	145	261	143	160	303	150	161	311
Niger	DAO	89	—	89	105	—	105	115	—	115
Nigeria	ODC	573	378	951	807	291	1,098	1,057	262	1,319
Rwanda	DAO	98	—	98	116	—	116	127	—	127
Sao Tome & Principe	EMBASSY	68	—	68	81	—	81	88	—	88
Senegal	ODC	413	252	665	604	170	774	532	130	662
Seychelles	EMBASSY	76	—	76	89	—	89	97	—	97
South Africa	ODC	253	237	490	414	155	568	374	125	499
Tanzania	DAO	69	—	69	82	—	82	90	—	90
Togo	EMBASSY	63	—	63	74	—	74	81	—	81
Uganda	DAO	30	—	30	35	—	35	38	—	38
Zambia	DAO	32	—	32	38	—	38	42	—	42
Zimbabwe	DAO	25	—	25	30	—	30	33	—	33
Regional Total		5,285	2,567	7,852	7,154	2,186	9,340	9,337	3,016	12,353
<u>East Asia & Pacific:</u>										
Australia	ODC	100	444	544	126	468	594	141	476	616
Cambodia	DAO	81	115	196	91	125	216	98	124	222
East Timor	SAO	116	127	243	131	137	268	141	135	277
Fiji	SAO	403	107	510	454	115	570	441	115	555
Indonesia	ODC	354	180	534	400	195	594	432	193	625
Japan	MDAO	249	1,429	1,678	303	1,525	1,828	303	1,532	1,835
Malaysia	ODC	290	345	635	335	366	701	354	370	723

Overseas Military Program Management - Costs

(\$ in thousands)

		FY 2008 Actual			FY 2009 Estimate			FY 2010 Proposed		
	Org	FMF	FMS	Total	FMF	FMS	Total	FMF	FMS	Total
<u>East Asia & Pacific</u>										
<u>Con't:</u>										
Mauritius	EMBASSY	14	–	14	16	–	16	18	–	18
Mongolia	DAO	170	–	170	192	–	192	208	–	208
New Zealand	DAO	–	174	174	–	189	189	–	187	187
Philippines	JUSMAG	545	795	1,340	614	861	1,475	639	853	1,492
Singapore	ODC	135	847	982	153	917	1,069	165	909	1,073
South Korea	JUSMAG	241	1,266	1,507	272	1,370	1,642	284	1,352	1,636
Thailand	JUSMAG	450	772	1,222	508	836	1,344	514	829	1,343
Vietnam	DAO	58	–	58	66	–	66	46	–	46
Regional Total		3,206	6,601	9,807	3,660	7,104	10,764	3,782	7,075	10,857
<u>Europe & Eurasia:</u>										
Albania	ODC	252	140	392	295	126	421	304	119	423
Armenia	ODC	144	137	281	169	123	291	173	116	289
Austria	ODC	40	391	431	47	360	407	49	335	383
Azerbaijan	ODC	197	146	343	231	133	364	250	131	381
Belgium	ODC	54	740	794	61	801	862	66	794	860
Bosnia	ODC	242	155	397	273	168	441	295	166	461
Bulgaria	ODC	192	262	454	217	284	500	234	281	515
Croatia	ODC	236	164	400	266	177	444	287	176	463
Czech Republic	ODC	135	321	456	153	347	500	165	344	509
Denmark	ODC	75	461	536	85	499	584	92	494	586
Estonia	ODC	231	196	427	261	212	473	282	210	492
Finland	DAO	1	67	68	2	72	74	3	72	75
France	ODC	50	563	613	57	609	666	62	604	666
Georgia	ODC	192	127	319	269	137	406	291	136	427
Germany	ODC	86	831	917	97	900	997	105	892	997
Greece	ODC	499	1,495	1,994	563	1,619	2,181	583	1,599	2,181
Hungary	ODC	254	307	561	286	332	618	305	329	634
Italy	ODC	140	848	988	158	918	1,075	170	909	1,079
Latvia	ODC	151	160	311	168	170	338	178	162	339
Lithuania	ODC	170	174	344	188	188	376	207	178	385
Luxembourg	EMBASSY	5	57	62	5	59	64	6	55	61
Macedonia	ODC	223	180	403	247	191	438	262	181	443
Malta	EMBASSY	39	–	39	43	–	43	45	–	45
Moldova	ODC	172	102	274	190	108	298	201	103	304
Netherlands	ODC	73	632	705	81	670	751	85	651	736
Norway	ODC	110	341	451	121	362	483	128	342	471
Poland	ODC	422	792	1,214	466	818	1,284	481	773	1,253
Portugal	ODC	465	610	1,075	513	630	1,143	524	595	1,119
Romania	ODC	202	269	471	223	278	502	236	264	500
Russia	DAO	221	76	297	244	79	323	257	76	333
Slovakia	ODC	181	189	370	200	196	396	211	186	397
Slovenia	ODC	161	170	331	177	176	354	187	167	354
Spain	ODC	159	386	545	175	399	574	185	378	562
Sweden	ODC	–	75	75	–	78	78	–	75	75
Switzerland	DAO	–	100	100	–	104	104	–	99	99
Turkey	ODC	1,448	1,504	2,952	1,801	1,366	3,167	1,621	1,269	2,890
Ukraine	ODC	237	152	389	262	158	420	277	150	427
United Kingdom	ODC	27	242	269	30	251	281	32	237	269
Regional Total		7,486	13,562	21,048	8,623	14,098	22,721	8,839	13,649	22,488

Overseas Military Program Management - Costs

(\$ in thousands)

		FY 2008 Actual			FY 2009 Estimate			FY 2010 Proposed		
	Org	FMF	FMS	Total	FMF	FMS	Total	FMF	FMS	Total
<u>Near East:</u>										
Algeria	DAO	137	117	254	151	124	275	160	120	280
Bahrain	OMC	287	508	795	319	575	894	335	523	858
Egypt	OMC	2,186	1,957	4,143	2,428	2,095	4,523	2,436	1,948	4,384
Iraq	OMC	–	–	–	350	843	1,193	325	1,117	1,442
Israel	DAO	35	357	392	43	389	432	41	368	409
Jordan	MAP	725	598	1,323	801	668	1,469	824	616	1,440
Kuwait	OMC	164	533	697	187	570	757	191	549	740
Lebanon	DAO	538	337	875	595	368	963	630	347	977
Morocco	ODC	574	277	851	735	194	929	632	624	1,256
Oman	OMC	386	519	905	431	587	1,017	451	535	986
Qatar	USLO	420	370	790	473	402	875	491	381	872
Saudi Arabia	USMTM	–	1,425	1,425	–	1,521	1,521	–	1,470	1,470
Tunisia	ODC	343	231	574	379	248	628	401	237	639
United Arab Emirates	USLO	216	931	1,147	243	988	1,230	252	959	1,211
Yemen	OMC	150	155	305	172	170	342	175	159	333
Regional Total		6,161	8,315	14,476	7,306	9,742	17,048	7,343	9,954	17,297
<u>South & Central Asia:</u>										
Afghanistan	OMC	67	408	475	83	472	555	78	420	499
Bangladesh	ODC	184	132	316	214	188	401	214	135	350
India	ODC	322	524	846	357	566	923	376	540	916
Kazakhstan	SAO	353	226	579	397	244	642	429	241	670
Kyrgyz Republic	SAO	149	224	373	168	242	410	180	239	419
Nepal	SAO	130	256	386	143	265	408	150	257	407
Pakistan	ODRP	525	514	1,039	585	551	1,136	614	529	1,144
Sri Lanka	DAO	128	88	216	148	101	249	148	90	238
Tajikistan	SAO	136	194	330	150	201	351	159	191	350
Turkmenistan	DAO	147	–	147	162	–	162	171	–	171
Uzbekistan	SAO	259	179	438	284	186	469	294	178	472
Regional Total		2,400	2,745	5,145	2,690	3,016	5,706	2,814	2,821	5,635
<u>Western Hemisphere:</u>										
Argentina	MILGP	385	235	620	436	253	689	444	252	696
Bahamas	USNLO	30	–	30	34	–	34	38	–	38
Belize	MLO	197	156	353	222	169	391	240	167	407
Bolivia	MILGP	612	238	850	693	256	948	721	256	977
Brazil	MLO	265	218	483	300	235	535	323	234	556
Canada	DAO	–	258	258	–	276	276	–	277	277
Chile	MILGP	257	399	656	290	432	722	314	428	742
Colombia	MILGP	641	762	1,403	723	825	1,548	736	817	1,554
Costa Rica	ODR	309	212	521	348	230	578	351	228	578
Dominican Republic	MAAG	360	216	576	406	234	640	429	232	660
Eastern Caribbean	MLO	319	204	523	360	221	580	379	219	598
Ecuador	MILGP	595	309	904	677	329	1,006	700	331	1,031
El Salvador	MILGP	490	266	756	621	326	947	623	357	980
Guatemala	MILGP	295	–	295	333	–	333	350	–	350
Guyana	MLO	20	64	84	23	69	92	24	68	92
Haiti	MLO	710	–	710	801	–	801	840	–	840
Honduras	MILGP	507	330	837	579	351	929	608	354	962

Overseas Military Program Management - Costs

(\$ in thousands)

		FY 2008 Actual			FY 2009 Estimate			FY 2010 Proposed		
	Org	FMF	FMS	Total	FMF	FMS	Total	FMF	FMS	Total
Western Hemisphere										
Con't:										
Jamaica	MLO	375	126	501	423	136	559	457	135	593
Mexico	ODC	534	305	839	608	325	933	625	327	952
Nicaragua	MLO	308	219	527	347	237	584	375	400	774
Panama	ODC	174	94	268	197	102	299	212	101	313
Paraguay	ODC	233	77	310	294	90	384	284	119	403
Peru	MAAG	529	152	681	596	165	761	311	163	474
Suriname	DAO	23	–	23	26	–	26	28	–	28
Trinidad & Tobago	MLO	44	74	118	49	80	130	53	179	232
Uruguay	ODC	230	154	384	248	167	415	281	165	446
Venezuela	MILGP	309	217	526	348	235	583	376	233	608
Region Total		8,751	5,285	14,036	9,981	5,742	15,722	10,118	6,042	16,160
Worldwide Total		33,289	39,075	72,364	39,415	41,886	81,301	42,234	42,556	84,790

Overseas Military Program Management - Personnel Strengths

	ORG	FY 2008 ACTUAL				FY 2009 ESTIMATED				FY 2010 PROJECTED			
		MIL	CIV	LOCAL	TOTAL	MIL	CIV	LOCAL	TOTAL	MIL	CIV	LOCAL	TOTAL
<u>Africa:</u>													
Botswana	ODC	2	–	1	3	2	–	1	3	2	–	1	3
Chad	DAO a/	–	–	1	1	–	–	1	1	1	–	1	2
Democratic Rep of Congo	ODC	1	–	–	1	1	–	1	2	1	–	1	2
Djibouti	USLO	1	–	2	3	1	–	2	3	1	–	2	3
Eritrea		–	–	–	–	–	–	–	–	–	–	–	–
Ethiopia	SAAO	2	–	1	3	2	–	1	3	2	–	1	3
Ghana	ODC	1	–	1	2	1	–	2	3	1	–	2	3
Kenya	KUSLO	4	1	2	7	4	1	2	7	4	1	2	7
Liberia	ODC	3	–	1	4	4	–	1	5	4	–	1	5
Madagascar	DAO a/	–	–	1	1	–	–	1	1	–	–	1	1
Namibia	EMB /b	–	–	–	–	–	–	–	–	–	–	–	–
Niger	DAO a/	–	–	1	1	–	–	1	1	–	–	1	1
Nigeria	ODC	3	–	1	4	3	–	2	5	3	–	2	5
Rwanda	DAO a/	–	–	–	–	–	–	–	–	–	–	1	1
Senegal	ODC	1	–	3	4	1	–	3	4	1	–	3	4
South Africa	ODC	2	–	–	2	2	–	1	3	2	–	1	3
Regional total		20	1	15	36	21	1	19	41	22	1	20	43
<u>East Asia & Pacific:</u>													
Australia	ODC	4	–	1	5	4	–	1	5	4	–	1	5
Cambodia	ODC	1	–	2	3	1	–	2	3	1	–	2	3
East Timor	ODC	1	–	1	2	1	–	1	2	1	–	1	2
Fiji	DAO a/	1	–	2	3	1	–	2	3	1	–	2	3
Indonesia	ODC	3	–	8	11	3	–	9	12	3	–	9	12
Japan	MDAO	5	3	6	14	5	3	6	14	5	3	6	14
Malaysia	ODC	2	–	6	8	2	–	7	9	2	–	7	9
Mongolia	DAO a/	–	–	2	2	–	–	3	3	–	–	3	3
New Zealand	DAO a/	–	–	1	1	–	–	1	1	–	–	1	1
Papua New Guinea	DAO a/	–	–	1	1	–	–	1	1	–	–	1	1
Philippines	JUSMAG	11	1	5	17	11	2	5	18	11	2	5	18
Singapore	ODC	5	–	4	9	5	–	5	10	5	–	5	10
South Korea	JUSMAG-K	11	–	15	26	13	–	13	26	13	–	13	26
Thailand	JUSMAG	11	1	10	22	10	1	10	21	10	1	10	21
Vietnam	DAO a/	–	–	1	1	–	–	1	1	–	–	1	1
Regional Total		55	5	65	125	56	6	67	129	56	6	67	129
<u>Europe & Eurasia:</u>													
Albania	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Armenia	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Austria	ODC	2	–	–	2	1	–	1	2	1	–	1	2
Azerbaijan	ODC	2	–	1	3	2	–	1	3	2	–	1	3
Belgium/Luxembourg	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Bosnia	ODC	1	–	3	4	1	–	2	3	1	–	2	3
Bulgaria	ODC	2	–	2	4	2	–	2	4	2	–	2	4
Croatia	ODC	1	1	1	3	1	1	1	3	1	1	1	3
Czech Republic	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Denmark	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Estonia	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Finland	ODC	1	–	–	1	1	–	–	1	1	–	–	1
France	ODC	2	1	1	4	2	1	1	4	2	1	1	4
Georgia	ODC	3	–	2	5	3	–	2	5	3	–	2	5
Germany	ODC	3	–	3	6	3	–	3	6	3	–	3	6
Greece	ODC	5	–	8	13	5	–	8	13	5	–	8	13
Hungary	ODC	1	1	2	4	1	1	2	4	1	1	2	4
Italy	ODC	3	–	3	6	3	–	3	6	3	–	3	6
Kosovo	ODC	–	–	–	–	1	–	2	3	1	–	2	3
Latvia	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Lithuania	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Macedonia	ODC	1	–	3	4	1	–	3	4	1	–	3	4
Moldova	ODC	1	–	2	3	1	–	2	3	1	–	2	3

Overseas Military Program Management - Personnel Strengths

	ORG	FY 2008 ACTUAL				FY 2009 ESTIMATED				FY 2010 PROJECTED			
		MIL	CIV	LOCAL	TOTAL	MIL	CIV	LOCAL	TOTAL	MIL	CIV	LOCAL	TOTAL
Netherlands	ODC	2	1	1	4	2	1	2	5	2	1	2	5
Norway	ODC	1	–	1	2	1	–	1	2	1	–	1	2
Poland	ODC	5	–	3	8	5	–	3	8	5	–	3	8
Portugal	ODC	4	–	2	6	4	–	2	6	4	–	2	6
Romania	ODC	2	–	2	4	2	–	2	4	2	–	2	4
Russia	ODC	2	–	–	2	2	–	–	2	2	–	–	2
Serbia/Montenegro	ODC	1	–	–	1	1	–	–	1	1	–	–	1
Slovakia	ODC	1	1	1	3	1	–	2	3	1	–	2	3
Slovenia	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Spain	ODC	5	3	1	9	4	2	1	7	4	2	1	7
Sweden	DAO/a	–	–	–	–	–	–	–	–	–	–	–	–
Switzerland	DAO/a	–	–	1	1	–	–	1	1	–	–	1	1
Turkey	ODC	17	3	5	25	19	2	5	26	19	2	5	26
Ukraine	ODC	1	–	3	4	1	–	3	4	1	–	3	4
United Kingdom	ODC	2	1	–	3	2	1	–	3	2	1	–	3
Regional Total		80	12	69	161	81	9	73	163	81	9	73	163
<u>Near East:</u>													
Algeria	ODC	2	–	1	3	2	–	1	3	2	–	1	3
Bahrain	OMC	6	1	2	9	6	1	2	9	6	1	2	9
Egypt	OMC	28	7	17	52	27	7	17	51	27	7	17	51
Iraq	OMC	8	–	4	12	8	–	4	12	8	–	8	16
Israel	ODC	2	1	–	3	2	1	–	3	2	1	–	3
Jordan	MAP	9	1	5	15	10	–	5	15	10	–	5	15
Kuwait	OMC	10	1	1	12	10	1	1	12	10	1	1	12
Lebanon	ODC	2	–	3	5	4	–	3	7	4	–	3	7
Morocco	ODC	3	1	3	7	4	1	3	8	4	1	3	8
Oman	OMC	6	1	2	9	6	1	2	9	6	1	2	9
Qatar	USLO	3	–	–	3	3	–	–	3	3	–	–	3
Saudi Arabia	USMTM	63	–	8	71	60	–	8	68	60	–	8	68
Tunisia	ODC	4	–	1	5	3	–	1	4	3	–	1	4
United Arab Emirates	USLO	7	1	1	9	9	1	2	12	9	1	2	12
Yemen	OMC	1	–	1	2	1	–	1	2	1	–	1	2
Regional Total		154	14	49	217	155	13	50	218	155	13	54	222
<u>South & Central Asia:</u>													
Afghanistan	OMC	6	–	3	9	6	–	3	9	6	–	3	9
Bangladesh	ODC	1	–	2	3	1	–	3	4	1	–	3	4
India	ODC	3	–	8	11	6	–	6	12	6	–	6	12
Kazakhstan	SAAO	2	–	2	4	2	–	2	4	2	–	2	4
Kyrgyz Republic	SAAO	2	–	1	3	2	–	1	3	2	–	1	3
Nepal	ODC	1	–	3	4	1	–	3	4	1	–	3	4
Pakistan	ODRP	4	1	6	11	8	–	6	14	8	–	6	14
Sri Lanka	ODC	1	–	1	2	1	–	1	2	1	–	1	2
Tajikistan	SAAO	2	–	1	3	2	–	1	3	2	–	1	3
Turkmenistan	ODC	1	–	–	1	1	–	–	1	1	–	–	1
Uzbekistan	SAAO	–	–	1	1	–	–	1	1	–	–	1	1
Regional Total		23	1	28	52	30	–	27	57	30	–	27	57
<u>Western Hemisphere:</u>													
Argentina	USMILGP	3	–	3	6	3	–	3	6	3	–	3	6
Barbados	USMLO c/	3	–	–	3	3	–	–	3	3	–	–	3
Belize	USMLO	2	–	–	2	2	–	–	2	2	–	–	2
Bolivia	USMILGP	4	–	3	7	4	–	3	7	4	–	3	7
Brazil	USMLO	4	–	1	5	4	–	1	5	4	–	1	5
Canada	ODC	1	–	1	2	1	–	1	2	2	–	1	3
Chile	USMILGP	3	1	3	7	3	1	3	7	3	1	3	7
Colombia	USMILGP	6	2	3	11	6	2	3	11	6	2	3	11
Costa Rica	ODR	1	–	2	3	1	–	2	3	1	–	2	3
Dominican Republic	USMAAG	2	–	1	3	2	–	1	3	2	–	1	3
Ecuador	USMILGP	5	1	3	9	5	1	3	9	5	1	3	9

Overseas Military Program Management - Personnel Strengths

	ORG	FY 2008 ACTUAL				FY 2009 ESTIMATED				FY 2010 PROJECTED			
		MIL	CIV	LOCAL	TOTAL	MIL	CIV	LOCAL	TOTAL	MIL	CIV	LOCAL	TOTAL
El Salvador	USMILGP	3	–	4	7	3	–	4	7	3	–	4	7
Guatemala	USMILGP	1	–	1	2	1	–	1	2	1	–	1	2
Guyana	USMLO	–	–	–	–	–	–	–	–	–	–	–	–
Haiti	USMLO	2	–	–	2	2	–	–	2	2	–	–	2
Honduras	USMILGP	4	1	3	8	4	1	3	8	4	1	3	8
Jamaica	USMLO	2	–	1	3	2	–	1	3	2	–	1	3
Mexico	ODC	3	1	4	8	3	1	4	8	5	1	4	10
Nicaragua	USMLO	2	1	1	4	2	1	1	4	2	1	1	4
Panama	ODC	2	1	2	5	2	1	2	5	2	1	2	5
Paraguay	ODC	1	–	2	3	1	–	2	3	1	–	2	3
Peru	USMAAG	1	–	4	5	1	–	4	5	1	–	4	5
Suriname	DAO a/	1	–	–	1	1	–	–	1	1	–	–	1
Trinidad and Tobago	USMLO	–	–	–	–	–	–	–	–	–	–	–	–
Uruguay	ODC	2	–	2	4	2	–	2	4	2	–	2	4
Venezuela	USMILGP	2	–	–	2	2	–	–	2	2	–	–	2
Regional Total		60	8	44	112	60	8	44	112	63	8	44	115
Worldwide Total		392	41	270	703	403	37	280	720	407	37	285	729

a/ Personnel authorized to assist the DAO with security assistance management functions.

b/ Personnel authorized to assist the Embassy with security assistance management functions.

c/ Manages programs for Eastern Caribbean countries.

Excess Defense Articles

The Excess Defense Articles (EDA) program enables the United States to meet foreign policy objectives while simultaneously supporting our friends and allies in improving their defense capabilities. EDA may be sold to any country eligible to purchase defense articles or provided on a grant basis to countries justified in the country papers to receive grant EDA. Providing EDA on a grant basis turns U.S. defense items that are in excess of our Approved Force Acquisition Objective and Approved Force Retention Stock into instruments that meet a number of our national security interests. Some of the objectives met by EDA are: strengthening coalitions, cementing bilateral foreign military relationships, enhancing interoperability, furthering legitimate modernization efforts of our allies, aiding in multilateral peacekeeping efforts, combating illegal narcotics production and narco-trafficking, and aiding in demining assistance programs.

Providing EDA on a grant basis has contributed to our foreign policy successes. The excess equipment has helped Latin America combat the threat of illegal narco-trafficking and has permitted South American nations to participate in support of U.S. and UN peacekeeping operations. Grant EDA contributes to regional stability by supporting the ongoing military reform efforts of democratic governments in central and eastern Europe and the Baltics. Additionally, grant EDA has a positive global impact – furthering U.S. national security interests and supporting the growth and strengthening of democracies, promoting military reform and fighting the spread of illicit narcotics.

EDA articles are transferred in an “as is, where is” condition to the recipient and are only offered in response to a demonstrated requirement. The grant EDA program operates at essentially no cost to the United States, with the recipient responsible for any required refurbishment and repair of the items as well as any associated transportation costs. The vast majority of EDA items are of low to medium technologies that do not present proliferation concerns.

Each grant eligible country has a justification statement providing the objective and proposed use of potential EDA. The statements for FY 2009 were provided separately to the following Congressional Committees: Senate Committee on Appropriations, Senate Committee on Foreign Relations, House Committee on Appropriations, and House Committee on Foreign Affairs. Eligibility simply permits a nation to be considered for grant EDA and does not guarantee the transfer of any EDA, nor does it circumvent or bypass in any way the comprehensive case-by-case review each potential EDA offer receives. Furthermore, all potential EDA transfers are subject to the same Conventional Arms Transfer Policy interagency review as any other government-to-government transfer.

Grants of Excess Defense Articles
Under the Provisions of the Foreign Assistance Act
(\$ in thousands)

	OFFERED IN FY 2008		DELIVERED IN FY 2008	
	ACQ. VALUE	CURRENT VALUE	ACQ. VALUE	CURRENT VALUE
<u>AFRICA:</u>				
SENEGAL	9,593	2,457	—	—
REGIONAL TOTAL	9,593	2,457	—	—
<u>EAST ASIA & PACIFIC:</u>				
CAMBODIA	918	275	3,905	893
EAST TIMOR	6,882	1,376	—	—
REGIONAL TOTAL	7,800	1,651	3,905	893
<u>EUROPE & EURASIA:</u>				
ARMENIA	3,645	788	170	17
AZERBAIJAN	1,652	413	—	—
GEORGIA	2,753	688	3,390	1,017
GREECE	12,920	5,366	2,736	274
MOLDOVA	—	—	282	141
REGIONAL TOTAL	20,970	7,255	6,578	1,449
<u>NEAR EAST:</u>				
BAHRAIN	40,370	8,570	—	—
EGYPT	57,987	7,699	208,240	40,762
IRAQ	—	—	16,197	3,635
ISRAEL	3,932	1,127	49,989	12,704
JORDON	62,684	12,545	74	36
LEBANON	2,225	445	13,411	3,812
MOROCCO	56,911	15,483	43,900	8973
REGIONAL TOTAL	224,109	45,869	331,811	69,922
<u>SOUTH AND CENTRAL ASIA:</u>				
KAZAKHSTAN	—	—	1,845	185
NEPAL	—	—	10	3
PAKISTAN	169,781	70,014	166,168	56,082
TAJIKISTAN	5,208	2604	—	—
REGIONAL TOTAL	174,989	72,618	168,023	56,270
<u>WESTERN HEMISPHERE:</u>				
COLOMBIA	442	111	—	—
DOMINICAN REPUBLIC	—	—	7,445	1,308
ECUADOR	—	—	849	338
EL SALVADOR	662	164	—	—
HONDURAS	—	—	27	3
NICARAGUA	—	—	21	10
PANAMA	—	—	3,066	585
PERU	19,306	2,485	—	—
REGIONAL TOTAL	20,410	2,760	11,408	2,244
WORLDWIDE TOTAL	457,871	132,610	521,555	130,761

NOTE: Totals may not add due to rounding.

Sales of Excess Defense Articles
Under Foreign Military Sales Provisions
(\$ in thousands)

	OFFERED IN FY 2008		DELIVERED IN FY 2008	
	ACQ. VALUE	CURRENT VALUE	ACQ. VALUE	CURRENT VALUE
<u>EAST ASIA & PACIFIC:</u>				
AUSTRALIA	—	—	3	1
TAIWAN	299,700	17,844	9,500	950
REGIONAL TOTAL	299,700	17,844	9,503	951
<u>EUROPE & EURASIA:</u>				
ARMENIA	—	—	11,058	1,284
ICELAND	—	—	2,038	123
ISRAEL	200	100	—	—
ITALY	—	—	1,000	500
TURKEY	11,203	1,120	1,120	1,120
REGIONAL TOTAL	11,403	1,220	15,216	3,027
<u>NEAR EAST & SOUTH ASIA:</u>				
EYGPT	57,365	2,868	57,365	2,868
KUWAIT	560	280	—	—
UNITED ARAB EMIRATES	164,980	42,502	—	—
REGIONAL TOTAL	222,905	45,650	57,365	2,868
<u>WESTERN HEMISPHERE:</u>				
ARGENTINA	20,693	1,886	—	—
CANADA	400	200	400	200
REGIONAL TOTAL	21,093	2,086	400	200
WORLDWIDE TOTAL	555,101	66,800	82,484	7,046

NOTE: Totals may not add due to rounding

Leased Defense Articles

The lease of defense articles can be authorized under the Arms Export Control Act (AECA), Chapter 6, if there are compelling U.S. foreign policy and national security reasons for providing defense articles on a lease rather than a sales basis. Defense articles cannot be leased if they are needed for public use during the period of the lease.

Except for leases entered into for the purposes of cooperative research or development, military exercises or communications or electronics interface projects, the country leasing the defense article(s) must agree to pay, in U.S. dollars, all costs incurred by the United States Government in leasing the article(s). These costs include reimbursement for depreciation of the article(s) while leased. In addition, the country must also pay the cost of restoration or replacement if the article(s) are damaged while leased. If the article(s) is lost or destroyed while leased, the U.S. requires funds to cover the replacement cost (less depreciation, if any) or an amount equal to the actual value (less depreciation) when the article(s) will not be replaced in the U.S. inventory.

The President may waive reimbursement of depreciation for any defense article which has passed three-quarters of its normal service life if the President determines that to do so is important to the national security interests of the United States. In some cases, the President may waive the reimbursement of all lease charges with respect to a lease that is made in exchange with the lessee for a lease on substantially reciprocal terms of defense articles for the Department of Defense. Waivers for depreciation or reciprocity are made before the implementation of the lease agreement.

Leases are conducted for a fixed duration of time not to exceed five years and provide that, at any time during the lease, the U.S. may terminate the lease and require the immediate return of the defense article(s).

Leases Under the Arms Export Control Act Implemented FY 2008

	REPLACEMENT VALUE	TOTAL RENTAL VALUE
<u>East Asia Pacific:</u>		
Singapore	\$747,381.00	\$1,670,099.15
Regional Total	\$747,381.00	\$1,670,099.15
<u>Europe and Eurasia:</u>		
France	\$73,616.34	\$255,332.10
Regional Total	\$73,616.34	\$255,332.10
<u>Western Hemisphere:</u>		
Canada	\$706,691.66	\$7,186,333.66
Regional Total	\$706,691.66	\$7,186,333.66
WORLDWIDE TOTAL	\$1,527,689.00	\$9,111,764.91

Stockpiling of Defense Articles for Foreign Countries

Section 514(b) of the Foreign Assistance Act of 1961 (FAA), as amended, establishes annual ceilings on the value of additions of defense articles located abroad that may be set aside, reserved, or otherwise earmarked from U.S. military inventories for use as War Reserves Stocks by Allies (WRSA) or other foreign countries (other than NATO). Most defense articles added to stockpiles under this ceiling will come from existing stocks.

In FY 2010, it is anticipated that no defense articles will be added to existing stockpiles as items are in sufficient supply to provide the necessary support.

Value of Annual Ceiling for Stockpiling

(\$ in thousands)

Fiscal Year	Amount Stockpiled
1976	96,750
1977	125,000
1978	270,000
1979	90,000
1980	95,000
1981	85,000
1982	130,000
1983	125,000
1984	125,000
1985	248,000
1986	360,000
1987	125,000
1988	116,000
1989	77,000
1990	165,000
1991	378,000
1992	378,000
1993	389,000
1994	292,000
1995	250,000
1996	50,000
1997	50,000
1998	60,000
1999	340,000
2000	60,000
2001	50,000
2002	—
2003	100,000
2004	—
2005	—
2006	—
2007	200,000
2008	200,000
2009	—
2010	—

End-Use Monitoring of Defense Articles and Services Government-to-Government Services

Introduction

In 1996, Congress amended [Public Law 104-164] Section 40A [22 U.S.C. 2785] of the Arms Export Control Act “...requiring that the President establish a program which provides for the end-use monitoring of defense articles and defense services sold, leased, or exported under this Act or under the Foreign Assistance Act of 1961. Section 40A requires that to the extent practicable, such program shall be designed to provide reasonable assurances that the recipient is complying with the requirements imposed by the United States Government with respect to the use, transfers, and security of defense articles and monitoring of U.S. arms transfers, and security of defense articles and services.” Section 40A also requires an annual report to Congress on the actions taken to implement the end-use monitoring program, to include detailed accounting of costs and number of personnel associated with the monitoring program. This report describes the actions the Department of Defense is taking to comply with its end-use monitoring requirements in accordance with the Arms Export Control Act (AECA).

Department of Defense (DoD) End-Use Monitoring (EUM) - Golden Sentry

As DoD’s Executive Agency responsible for managing the Department of State’s (DoS) foreign military sales program the Defense Security Cooperation Agency (DSCA) developed the Golden Sentry program to comply with Section 40A of the AECA. Through the Golden Sentry Program, DoD monitors government-to-government transfers to ensure that defense articles and services provided by the United States Government (USG) are utilized and safeguarded in accordance with the terms and conditions of the transfers. Primarily, Golden Sentry’s objectives are to minimize security risks to the U.S., its friends and allies, and to ensure compliance with the technology control requirements that are associated with U.S.-origin arms transfers via government-to-government programs.

DoD Processes *Prior* to Any Transfer- Pre-checks and Vetting

There is a carefully established process between the DoD and the Department of State to thoroughly review transfers of highly sensitive technologies before a consensus is reached. In view of the serious consequences of the proliferation of dangerous weapons and technologies, we believe that by ‘front-loading’ this array of processes and procedures, we mitigate these risks.

“Each proposed transfer is thoroughly vetted by many different organizations and offices to ensure that releasability, disclosure, and other concerns are addressed. The most important measures placed on these exports, involve establishing the trustworthiness of the purchaser and the actual “end-use” of the defense article *before* a determination is made regarding a transfer. Foreign customers’ requests for significant military equipment are coordinated closely with the combatant commanders and the U.S. country team. The U.S. country team must assess several aspects of the transfer to include political impacts in the region as well as the ability of the host nation and the security assistance organization in country to properly perform their end-use monitoring responsibilities. The endorsement of the combatant commander and consistency with the Theater Security Cooperation strategy and implementation plans are critical. During this “pre-sale” process, determinations are made as to whether a country has the will and the capability to secure, account for, and operate these systems within the requirements established by the United States. For some systems, approval must be obtained from the National Disclosure Policy Committee for release to each specific country. Finally, a formal notification is provided to the Congress before any offers of transfer are made. These notifications clearly identify the customer and the capability being proposed for transfer and provide an opportunity for further discussion or Congressional disapproval of a proposed transfer.”

End-Use Monitoring of Defense Articles and Services Government-to-Government Services

DoD Processes *During* Transfer- Government-to-Government Agreements

All transfers of defense articles, services, or training provided through the Foreign Military Sales Program, are conducted under a government-to-government agreement (known as a Letter of Offer and Acceptance or “LOA”) between the United States and the foreign government or international organization. This agreement specifies the type and quantities of items to be sold, as well as any unique conditions regarding end-use monitoring requirements determined by the military departments or the interagency’s export policy or by Congressional request during the transfer approval process.. The LOA may require the country to secure, account for, and operate the systems in accordance with provisos that as a minimum equal the requirements of the U.S. Military Departments. The conditions of the LOA may also state that USG officials may be permitted, upon request, to conduct EUM verification with respect to the use, transfer and security of defense articles and defense services transferred, and conduct physically inventories of specific types of equipment – either as part of routine visits or to verify reports of unauthorized use. Signing the document commits the purchaser to the conditions established on the LOA. DoD remains sensitive to issues of sovereignty with all U.S. friends and allies, and, therefore, efforts are constantly made to ensure that these governments are informed and understand the requirements of end-use monitoring mandated by U.S. law.

DoD Processes *After* Transfer - End-Use Monitoring and Compliance

The purpose of the “Golden Sentry” program is to scrutinize the foreign purchaser’s use of defense articles and services (to include training) to ensure their use complies with the agreements under which they were provided. The “Golden Sentry” program was initiated in 2001, and continues to promulgate policy guidance and procedures throughout the security assistance/cooperation community. The program levies monitoring and compliance requirements to foreign governments, agencies within the military departments responsible for implementing the Foreign Military Sales program, the Combatant Commands, and U.S. security cooperation organizations (SCO) worldwide. It also comprises of annual Compliance Assessment Visits (CAV) by DSCA Golden Sentry personnel to determined countries to ensure that proper end-use, security and accountability procedures are being followed by our foreign partners and U.S. security cooperation personnel responsible for implementing the EUM program.

To conduct EUM with available resources, Golden Sentry uses a risk management approach. Routine EUM is conducted on low technology/low risk defense articles. During routine visits to host nations’ military installations, U.S. security cooperation personnel monitor U.S.-transferred equipment to ensure it is used for the purposes for which they were provided. Enhanced EUM (EEUM) is conducted on determined high technology/high risk defense articles. In addition to Routine end-use monitoring, security cooperation personnel are required to perform periodic physical security and accountability inventories of EEUM designated items and maintain a record of these inventories in an EUM database.

DSCA’s Enhanced EUM program monitors high risk exports which include: man portable air defense systems (MANPADS), such as Stinger Missiles and gripstocks; long range, highly capable man portable land attack missiles (such as JAVELIN and Tube-Launched, Optically-Tracked, Wire-Guided missile (TOW-2B)); and beyond visual range air-to-air missiles (such as the AIM-120 AMRAAM), Night Vision Devices, and Communications Security (COMSEC) Equipment. Additional Enhanced EUM items that were added in 2004 were the AIM-9X Sidewinder, the Harpoon Block II missile and the entire family of precision guided munitions, i.e., the Joint Stand-Off Weapon (JSOW), Unmanned Aircraft Systems (UAS) and the Joint Direct Attack Munitions (JDAM). In 2006, Joint Air-to-Surface Standoff Missile (JASSM) and Special Provisions pertaining to specific countries’ Physical Security and Accountability with the transfer were also added to the Enhanced EUM list. In 2007, the Large Aircraft Infrared Countermeasures (LAIRCM) was added.

End-Use Monitoring of Defense Articles and Services Government-to-Government Services

EUM Guidance

DSCA has published seven policy memoranda to promulgate clearly the direction of the EUM Golden Sentry program. All have been incorporated into the Security Assistance Management Manual (SAMM).

1. The first memorandum published was “End-Use Monitoring (EUM) Responsibilities in Support of the Department of Defense Golden Sentry EUM Program (DSCA Policy Memo 02-43)”, dated 4 December 2002. This policy delineated the responsibilities of the security assistance/cooperation community in support of the Golden Sentry program.
2. The second policy memorandum was titled “Revised Guidance for Stinger/Man Portable Air Defense Systems (MANPADS) (DSCA Policy Memo 03-10)”, dated 4 June 2003. This memorandum increased the U.S. inventory requirement by the security assistance organizations from 5 percent to 100 percent annually of foreign Stinger missiles, grip stocks and essential components.
3. A third policy memorandum is titled “Golden Sentry End-Use Monitoring (EUM) Visits Policy (DSCA Policy memo 04-11)”, dated 2 April 2004. This memorandum provides defined guidance for the conduct of three types of EUM visits: Familiarization, Compliance Assessment Visit and Investigative.
4. The fourth policy memorandum was titled “Golden Sentry End-Use Monitoring (EUM) Stinger Missile and Gripstock Inventory Standardized Procedures (DSCA Policy Memo 05-10)”, dated 29 March 2005. This policy promulgates a more refined procedure for Stinger Missile and gripstock inspection requirements. Additionally, it mandates all USG representatives adhere to the standards within the checklist in the conduct of Stinger missiles and gripstock inventories.
5. The fifth policy memorandum is titled “Enhanced End Use Monitoring (Enhanced EUM) Update (DSCA 07-14)”, dated 05 April 2007. This change updates Chapter 6 and 8 of the Security Assistance Management Manual (SAMM). The change reflects additional information relating to Enhanced EUM. Chapter 6 identifies supplementary criteria for Enhanced EUM record keeping. Chapter 8 adds Figure C8.F1., which outlines the procedure for adding or removing defense items to or from the Enhanced EUM list.
6. The sixth policy memorandum is titled “Note for End Use Monitoring (DSCA 07-07)”, dated 11 May 2007. This update revised the standard LOA note for EUM, which is mandatory for all LOAs.
7. The seventh policy memorandum is titled “Update of Chapter 8, End-Use Monitoring (EUM) of the SAMM (DSCA Policy Memo 07-20)”, dated 28 June 2007. The revisions clearly articulate End Use Monitoring responsibilities to the Implementing Agencies, COCOMs, SAOs, and supporting agencies. The change also renames “Tiger Team Visits” to “Compliance Assessment Visit”. In addition, the change describes a new quarterly reporting responsibility vice “End of Year” reporting. Finally, the change gives detail instruction on the use of the EUM application within the Security Cooperation Information Portal (EUM-SCIP) as a means to track and report on EUM related labor and costs as well as maintain accountability of Enhanced items.

End-Use Monitoring of Defense Articles and Services Government-to-Government Services

Efforts since FY2008 CBJ report

Resources: DSCA is currently staffed with five full-time civilian employees, which develop policy guidance, manage and oversee the implementation of the Golden Sentry program worldwide to meet the EUM requirements of the AECA and FAA, conduct EUM training for security cooperation personnel, and conduct compliance assessment visits within each combatant command's designated regions. Additionally, funding for option year three was provided for the Target Corporation to operate, maintain, and develop necessary software application enhancements for the Security Cooperation Information Portal (SCIP) EUM database.

Security Cooperation Organization (SCO) EUM Workload Surveys: EUM activity was added to the annual SAO tasking as a separate workload measure in 2003. A detailed explanation was developed to clarify which tasks performed by SAOs should be included in the EUM category, thereby capturing the resource expenditures associated with the performance of "Routine" and "Enhanced" EUM by the SAO.

Actual for FY08

	EUM FUNDING	TOTAL SAO FUNDING
CENTCOM	11.0	10,460.9
EUCOM	36.0	16,428.2
NORTHCOM	0.0	708.2
PACOM	52.0	6,503.0
SOUTHCOM	13.0	7,389.7
TOTAL	112.0	41,490.0

*Figures are represented in the thousands

Estimated for FY09

	EUM FUNDING	TOTAL SAO FUNDING
CENTCOM	44.0	12,202.0
EUCOM	104.0	14,469.0
NORTHCOM	4.0	672.0
PACOM	50.0	6,723.0
SOUTHCOM	52.0	6,225.0
AFRICOM	2.0	2,865.0
TOTAL	256.0	43,156.0

*Figures are represented in the thousands

DSCA and the Defense Threat Reduction Agency (DTRA) On-Site Inspection Directorate Partnership: In 2004, DSCA and DTRA established a joint long-term support relationship, which will improve the DoD End-Use Monitoring program. DSCA will maintain overall operational authority and management responsibility for DoD's EUM program. DTRA will assist DSCA with supplemental manpower support in the conduct of Enhanced EUM missions worldwide to the degree possible with its ongoing missions.

End-Use Monitoring of Defense Articles and Services Government-to-Government Services

EUM Compliance Assessment Visits: Four EUM Compliance Assessment Visits were conducted in FY2008. These included assessments of the EUM programs in Estonia, Latvia, Pakistan, and Saudi Arabia. EUM Compliance Assessment Visits are conducted to assess USG representatives and host nations' compliance with transfer provisos and other conditions of sales, and/or to follow-up potential violations of the AECA, FAA, or other transfer agreements, e.g., compliance visits. The visit objectives are to:

1. Assess a specific country team or regional command's overall EUM compliance program.
2. Assess a country's compliance with specific physical security and accountability agreements through facility visits, records review, and review of local security policies and procedures.
3. Conduct routine or special inventories of U.S.-origin defense articles and/or services.
4. Appraise possible violations of the AECA, FAA, and/or other transfer instruments, e.g., Bi/Multi-Lateral Memorandum of Agreement or Understanding and other Implementing Agreements.

Compliance with Section 1228 of the National Defense Authorization Act for Fiscal Year 2008 (FY08 NDAA): DSCA led DoD's effort to ensure the establishment of a registration and monitoring system for all defense articles exported to Iraq and coordinated The President's certification to Congress as required by Section 1228. DSCA's actions included the following:

1. Drafted a directive signed by the Deputy Secretary of Defense requiring all DoD components involved in exports or transfers of defense articles to Iraq to comply with Section 1228.
2. Verified that all organizations transferring or authorizing the export of defense articles to Iraq have appropriate measures that comply with Section 1228.
3. Developed a process to verify compliance through established periodic reports and assessment visits by Golden Sentry personnel.

EUM-SCIP Enhancements: With the assistance of contract support, DSCA incorporated the following EUM-SCIP enhancements in FY08.

1. The SCO community can now capture all labor and man-hour cost associated with EEUM.
2. EUM-SCIP has a support tab that assist the SCO community in establishing their EUM program. This "One-Stop-Shopping" consist of all EUM related policy and procedure memorandums, current EEUM defense article checklist, EUM LOA notes, EUM-SCIP user handbook, Regional Forum briefings and historical documentation.
3. A tool that allows selective users to mass upload EEUM items versus manually adding items.
4. The ability to set inventory frequency globally by country or a particular defense article.
5. EUM-SCIP now has the ability to sort and perform inventories by article location.
6. The ability to enter defense articles prior to Host Nation arrival. This will assist the SCO community in tracking estimated shipments and performing his or her initial 100% inventories.
7. The Delinquent Report was enhanced to include various reports. The report now includes three types of delinquent reports (no 100% initial, past due dates and those items deployed), a planned report (items that are due within 90 days), and a worksheet that includes all their defense articles.

End-Use Monitoring of Defense Articles and Services Government-to-Government Services

The Way Ahead

Resources: \$1.4 million is projected towards PE #27 (Enhanced EUM) to be managed at the DSCA Headquarters.

Projected for FY10

	EUM FUNDING	TOTAL SAO FUNDING
CENTCOM	46.2	12,512.0
EUCCOM	109.2	14,877.0
NORTHCOM	4.2	997.0
PACOM	52.5	7,062.0
SOUTHCOM	54.5	6,620.0
AFRICOM	2.1	4,286.0
TOTAL	268.7	46,354.0

*Figures are represented in the thousands

EUM Automation Support: In 2005, DSCA increased funding for the development of an automation tool that incorporates end-use monitoring functions for the security assistance/cooperation community. The implementing agencies, the combatant commanders, the SAO and host nations are now able to “read” Enhanced EUM inputs in a real-time, secure and “compartmentalized” environment via the web. The EUM function helps notify users when items are received, inventories are delinquent, when inventories are performed, and provide a variety of other standard reports. The EUM application also allows authorized users to establish, update, change the disposition, and indicate transfers of the Enhanced EUM items. Currently, the EUM-SCIP database contains over 115,000 defense articles, which require Enhanced end use monitoring in over 78 countries.

Improvements to the EUM-SCIP database scheduled for FY09 include:

1. Ability to sort items by Serial Numbers, Item Location or case designator. This option will be available for various reports and performing inventories.
2. Ability to write important detailed notes to each individual defense article.
3. Retrieve data from Defense Security Assistance Management System (DSAMS), creating an automated report that compares FMS worldwide EEUM defense articles sold versus what is currently in EUM-SCIP.
4. Ability to record inventories of defense articles which contain sensitive components with multiple serial numbers (i.e. NVD “Intensifier Tubes” or the HARPOON Block II “GCU”). This enhancement will improve accountability of all sensitive components within an enhanced EUM system.
5. Adding new categories to the existing menu support tab and labor/man-hour cost drop-down listings to meet increasing growth in EUM responsibilities and workload to SCOs.

Outreach Programs: Golden Sentry continues its outreach program through Familiarization Visits, Regional Forums, and by engaging in bi-lateral and other stakeholders’ meetings in various venues worldwide. This outreach has tremendously contributed to a greater understanding of the “Golden Sentry” program, thereby strengthening awareness of U.S. export controls. Additionally, outreach has proven to be a useful instrument in support of broader U.S. policy goals related to being a responsible arms provider.

EUM Regional Forums: Defense Security Cooperation Agency together with the Combatant Commands conducts quarterly regional forums. The purpose of EUM Regional Forums is to familiarize the Security Assistance Community with the objectives of the Golden Sentry Program, to provide insight into the latest EUM and other policy issues and offer hands-on EUM training on the SCIP EUM application (SAO/TOOLBOX).

End-Use Monitoring of Defense Articles and Services Government-to-Government Services

Conclusion

DSCA continues to work to refine EUM policy guidance to better implement the EUM program worldwide. Although much more remains to be done to ensure that EUM compliance is executed within all of DoD, much has been accomplished to date. All combatant commands and SCOs worldwide are increasingly aware and are working to implement the EUM program. Nevertheless, the Golden Sentry program's EUM workload continues to grow because of additional EUM requirements mandated by laws such as Section 1228 of the NDAA and the constant increase in the quantities and types of defense articles requiring Enhanced EUM. To meet the increased workload, additional personnel and funding will be required for the out years.

End-Use Monitoring of Defense Articles and Defense Services Commercial Exports, FY 2008

This report describes actions taken by the Department of State during fiscal year 2008 to implement the “Blue Lantern” end-use monitoring program. The Blue Lantern program, operated in accordance with section 40A of the Arms Export Control Act (AECA) (22 USC 2778), as amended, monitors the end-use of defense articles (including related technical data) and defense services exported through commercial channels and subject to Department of State licenses or other approvals under section 38 of the AECA.

The Department of State’s Directorate of Defense Trade Controls in the Bureau of Political-Military Affairs (PM/DDTC) is responsible for administering the International Traffic in Arms Regulations (ITAR) (22 CFR Parts 120-130) that implement section 38 of the AECA. PM/DDTC’s functions include registration of manufacturers, brokers, and exporters; licensing of defense trade; insuring compliance with the ITAR and implementing civil enforcement; supporting the Department of Justice and other U.S. law enforcement agencies in investigations and prosecutions of AECA and ITAR criminal violations; as well as the end-use monitoring of transactions licensed or authorized by PM/DDTC.

The Blue Lantern program is managed within PM/DDTC by the Office of Defense Trade Controls Compliance (DTCC) and its Research and Analysis Division (RAD). Blue Lantern end-use monitoring entails pre-license, post-license, or post-shipment inquiries or “checks” undertaken to verify the *bona fides* of proposed foreign consignees and end-users, to confirm the legitimacy of proposed transactions, and to provide “reasonable assurance that –

- i) the recipient is complying with the requirements imposed by the U.S. Government with respect to use, transfers, and security of defense articles and defense services; and
- ii) such articles and services are being used for the purposes for which they are provided.”¹

PM/DDTC is currently authorized a full-time complement of 78 State Department personnel, which is supplemented by 8 military officers, approximately 60 contract personnel, a DHS/Immigration and Customs Enforcement Senior Special Agent, and an FBI Supervisory Special Agent. PM/DDTC’s operational budget for FY 2008, in addition to American salaries, was approximately \$3.1 million. Five State Department personnel and two contract personnel currently work on the Blue Lantern program, in addition to other duties, within RAD.

Overseas End-use Monitoring: The Blue Lantern Program

Initiated in September 1990 as the U. S. Government’s first systematic end-use monitoring program, Blue Lantern has strengthened the effectiveness of U.S. export controls and has proven to be a useful instrument in:

- 1) deterring diversions to unauthorized end-users and identifying possible ITAR violations,
- 2) aiding the disruption of illicit supply networks used by international criminal organizations or governments under U.S. or international restrictions and sanctions,
- 3) educating foreign governments and private companies about U.S. export controls, and
- 4) helping the Department to make informed licensing decisions and to ensure compliance with the AECA and the ITAR.

End-use checks performed under the Blue Lantern program have significantly encouraged compliance with statutory and regulatory requirements and have proven effective in combating the global “gray arms” trade. “Gray arms” refers to the use of fraudulent export documentation or deliberate misrepresentation of the facts of a transaction to acquire defense articles through legitimate channels for illicit re-transfer to unauthorized end-users.

¹ See section 40A(a)(2) of the AECA, 22 U.S.C. 2785(a)(2).

End-Use Monitoring of Defense Articles and Defense Services Commercial Exports, FY 2008

U.S. embassy personnel, or in some instances PM/DDTC personnel, conduct Blue Lantern end-use checks overseas to verify the *bona fides* of unfamiliar foreign parties, to ensure delivery of licensed United States Munitions List (USML) articles/services to authorized end-users, to confirm proper end-use, and to determine compliance with PM/DDTC licenses and agreements and provisos imposed thereon.

In fiscal year 2008, PM/DDTC completed action on nearly 83,000 license applications and other requests. Blue Lantern inquiries are not conducted randomly, but rather are carefully selected to identify transactions that appear most at risk for diversion or misuse. License applications and other requests undergo review by licensing officers and compliance specialists, who check case details against established criteria for determining potential risks: unfamiliar foreign parties, unusual routing, overseas destinations with a history of illicit activity or weak export/customs controls, commodities not known to be in the inventory of the host country's armed forces, and other indicators of concern. The information derived from Blue Lantern checks helps PM/DDTC licensing officers and compliance specialists assess risks associated with the export of certain defense articles and services to various countries and regions, and provides significant insight into the reliability of companies and individuals involved in defense procurement overseas.²

Blue Lantern End-Use Inquiries in FY 2008

For the sixth year in a row, the Blue Lantern program increased its overall number of inquiries initiated in FY 2008, setting a new record at 719 (Figure 1). These checks were conducted in 98 countries, also a record number. Of the 543 Blue Lantern cases closed in FY 2008, 82 (15 percent) were determined to be "unfavorable." An unfavorable determination means that the Blue Lantern's findings of fact are not consistent with the information contained in the application or license. Problems identified during a pre-license check may result in denial of the license, removal of a party or parties, or the license being returned without action. Problems identified during a post-shipment check, if sufficiently serious, may result in revocation of the existing license. Entities of concern identified in pre-license or post-shipment checks are entered into DTCC's Watch List for further monitoring.

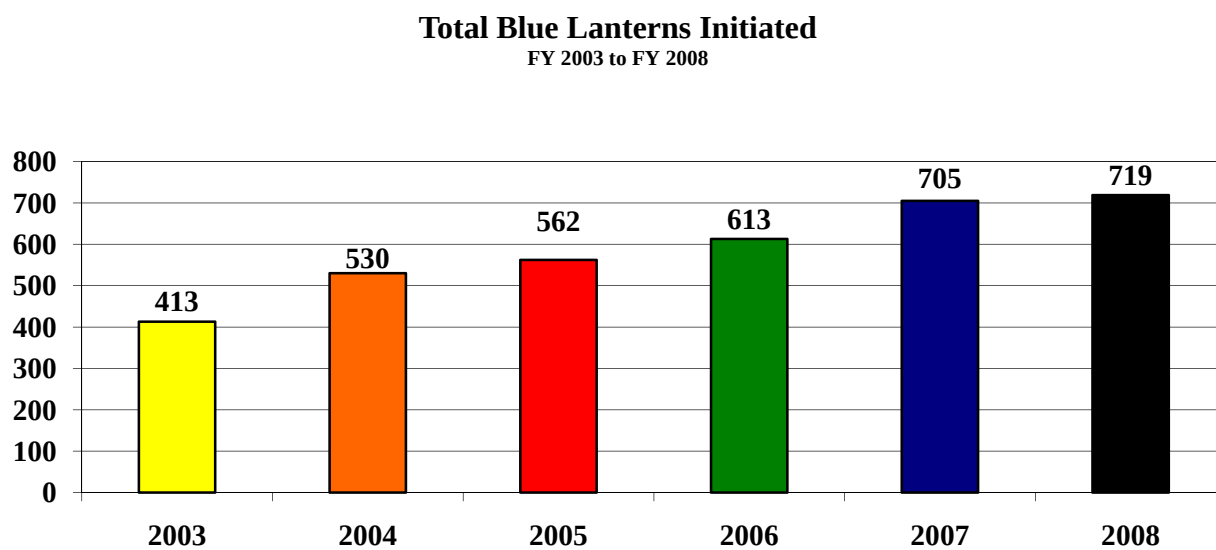
Unfavorable Blue Lantern cases are referred to DTCC's Enforcement Division for review. Where appropriate, parties involved in unfavorable Blue Lantern cases may be subject to civil enforcement actions or referred to the federal law enforcement community for criminal investigation. FY 2008 Blue Lantern checks resulted in 15 disclosures and 3 referrals for possible criminal investigation.

The chart on the following page illustrates the number of Blue Lantern checks initiated by year.

² Because Blue Lantern checks are selected based on potential risk and not a random sampling across all PM/DDTC licenses, data on unfavorable checks should not be regarded as statistically representative of all license applications.

End-Use Monitoring of Defense Articles and Defense Services Commercial Exports, FY 2008

Figure 1:



The charts on the next page illustrate the regional distribution of export requests and of Blue Lantern checks initiated, completed, and found to be unfavorable. For statistical purposes, PM/DDTC attributes a Blue Lantern check to the region of the end-user listed on the application or license. Blue Lantern inquiries, however, may be initiated or determined to be “unfavorable” due to foreign intermediaries in third countries.

Figure 2 illustrates the regional distribution of USML export license applications.

As Figure 3 illustrates, the geographical distribution of Blue Lantern inquiries initiated during FY 2008 does not necessarily match that of license applications received. As has been the pattern for several years, Europe has relatively fewer Blue Lantern checks (22 percent) proportionate to the number of applications (41 percent). East Asia, conversely, was the site of 37 percent of all Blue Lantern checks despite representing only 28 percent of applications. Likewise, the proportion of Blue Lantern checks initiated in Africa, South/Central Asia, and the Near East was significantly greater than those region’s respective shares of applications.

Figure 4 illustrates the regional distribution of Blue Lanterns completed during FY 2008, which provides a useful baseline for the regional distribution of unfavorable Blue Lantern results illustrated in Figure 5. Here again, the East Asia/Pacific region is noteworthy for representing more than half (54 percent) of unfavorable Blue Lantern results despite comprising only a third (37 percent) of checks completed. Except for Africa, the respective proportions of unfavorable checks for all other regions were either less than or equal to their proportion of completed checks.

End-Use Monitoring of Defense Articles and Defense Services Commercial Exports, FY 2008

Figure 2:

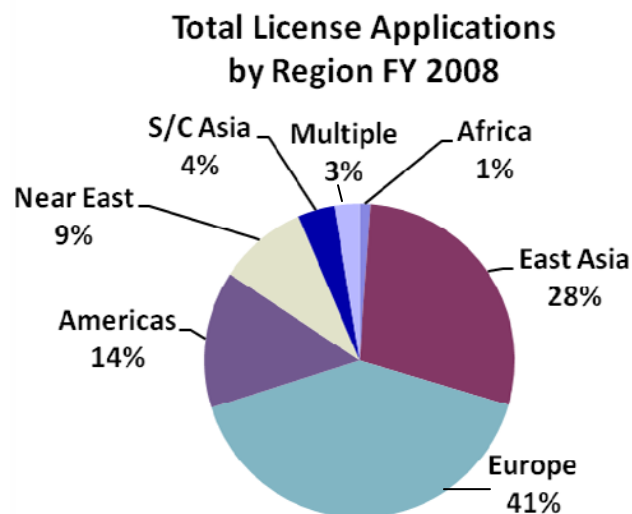


Figure 3:

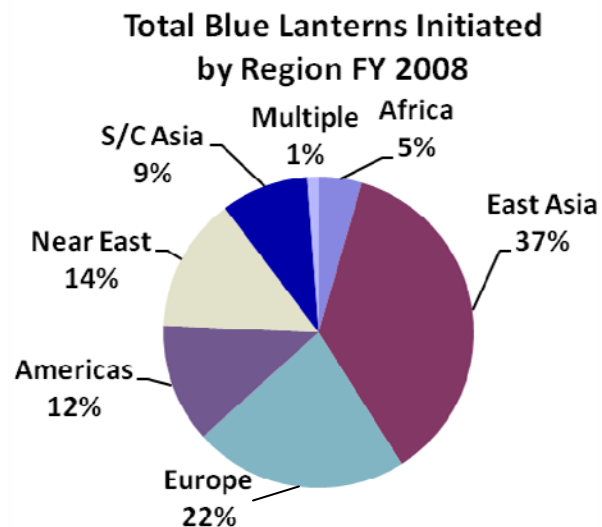


Figure 4:

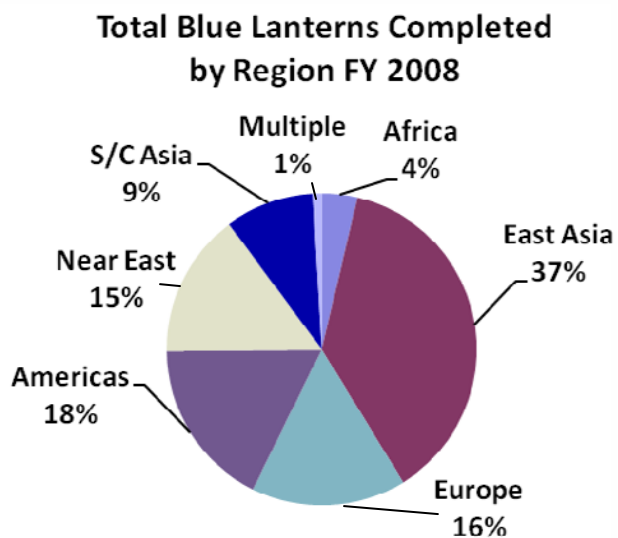
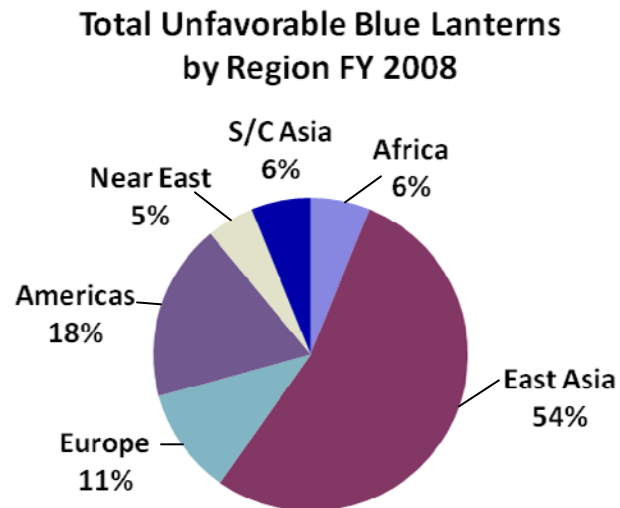


Figure 5:

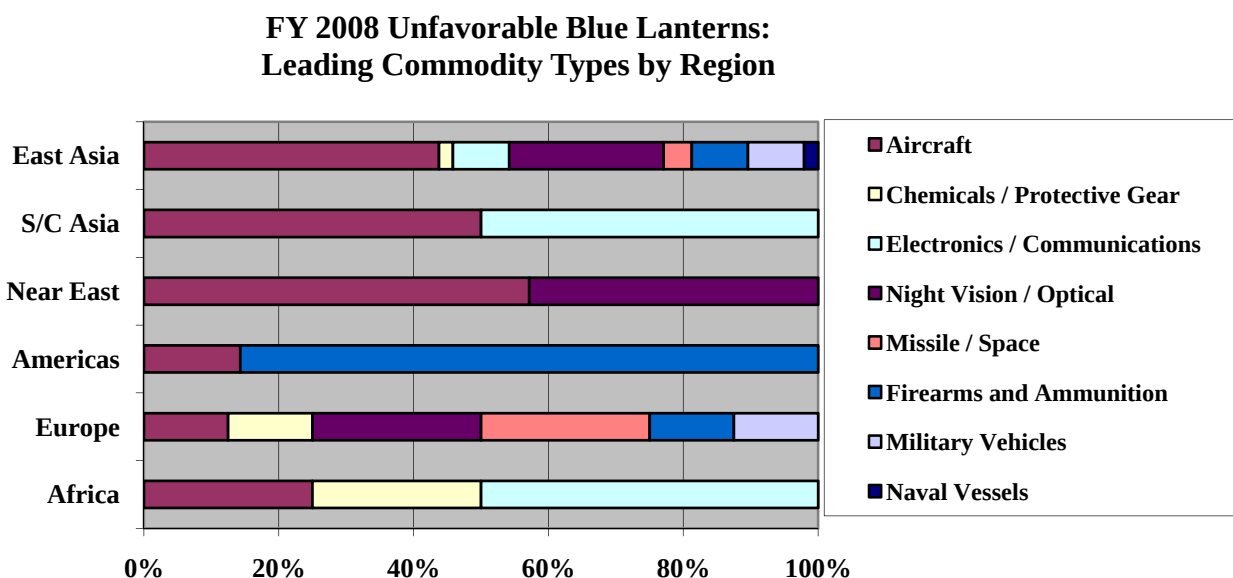


End-Use Monitoring of Defense Articles and Defense Services Commercial Exports, FY 2008

Analysis of Unfavorable Checks by Commodity and Region

Figure 6 illustrates the types of commodities most often the subject of unfavorable Blue Lanterns by region. The Western Hemisphere (especially Central America and the Caribbean) continues to be a region with a high incidence of unfavorable cases involving firearms and ammunition. Many of these cases involve pre-license checks on unfamiliar retail firearms vendors who have been determined to have insufficient weapons security, poor record-keeping and inventory controls, or other irresponsible business practices. Aircraft parts continue to generate large numbers of Blue Lanterns, especially in the East Asia/Pacific region and the Near East. After a decline in FY 2007, night vision and optical guidance/detection equipment returned to its previous status as a category with a high incidence of unfavorable checks, especially in the East Asia/Pacific region.

Figure 6:



Reasons for Unfavorable Checks in FY 2008

- Indications or evidence of diversion or unauthorized re-transfer or re-export: 24 percent (n=20)
- Foreign party (end-user and/or consignee) involved in transaction but not listed on license/application: 23 percent (n=19)
- Unable to confirm order or receipt by end-user: 18 percent (n=15)
- Unauthorized brokering: 9 percent (n=7)
- Warehousing or stockpiling: 6 percent (n=5)
- Derogatory information / foreign party deemed unreliable recipient of USML: 5 percent (n=4)
- Unable to confirm existence of foreign party listed on license: 5 percent (n=4)

End-Use Monitoring of Defense Articles and Defense Services Commercial Exports, FY 2008

- Refusal to cooperate: 5 percent (n=4)
- End-use differs from that listed on license: 1 percent (n=1)
- Exported from U.S. without authorization: 1 percent (n=1)
- Exported items received by end-user but unaccounted for: 1 percent (n=1)
- Party violated terms of license or agreement: 1 percent (n=1)

The relative frequency of reasons for unfavorable determinations in FY 2008 shifted, in some cases significantly, compared to the previous fiscal year. The new leading category, attempted or actual diversions or unauthorized retransfers of USML articles or technology, represented 24 percent of unfavorable results in FY 2008 but only 7 percent in FY 2007 (sixth place). Some speculation on the reasons for this is discussed in the final section of this report.

Under Section 38(g)(2) of the AECA and 126.13(b) of the ITAR, U.S. applicants are required to identify all domestic and foreign parties – end-users and/or consignees – on a license request. In FY 2008, 23 percent of inquiries resulted in an unfavorable response due to the applicant's failure to fulfill that statutory requirement. In FY 2007 that figure was 19 percent. While in some cases this appears to be a minor oversight, identification of all parties is a critical element in the ability of PM/DDTC to maintain a secure chain of custody from U.S. exporter to foreign end-user. Without transparency regarding all parties to a transaction, diversion to unauthorized end-users and end-use is far more likely to occur.

The third most common reason for unfavorable results, at 18 percent, was the inability to confirm receipt or order of USML items by the end-user listed on the license application. This category represents the combination of two categories from FY 2007 – “end-user did not order items on license” and “unable to confirm receipt or order by end-user” – which represented 8 percent and 6 percent, respectively, of unfavorable results last year. As in the failure to identify all foreign parties, this category contains both benign and malign cases. While some instances seem to be due to sloppy paperwork or ineffective tracking mechanisms, others appear to represent foiled attempts at diversion.

Only 5 percent of unfavorable checks in FY 2008 were due to the discovery of derogatory information or a party being deemed unreliable, compared to 13 percent in FY 2007.

FY 2008 saw an increase in the incidence of unauthorized brokering activities (9 percent compared to 5 percent in FY 2007), most often by unregistered entities. This reflects increased attention to the issue of foreign consignees acting as brokers for licensed transactions, and resulted in several new brokering registrations as well as the placement of noncompliant companies on the Watch List.

Remaining relatively unchanged compared to FY 2007 were the proportions of parties who refused to cooperate (5 percent) and findings of unauthorized stockpiling by foreign consignees (6 percent). While maintaining an inventory of ITAR-controlled parts may make good business sense for foreign suppliers, this practice reduces the Department's ability to control defense exports effectively and can lead to illicit diversion. A foreign company maintaining an inventory of defense articles must be party to an approved Warehouse and Distribution Agreement per ITAR section 124.14.

End-Use Monitoring of Defense Articles and Defense Services Commercial Exports, FY 2008

Blue Lantern Case Studies FY 2008

Case Study #1: Stockpiling and Unauthorized Re-transfer/Re-export (Pre-License Check)

Request for Temporary Import

Items: Armored vehicle parts and components
End-User: Central American company
Source/Foreign Consignee: European company

Reasons for Check

- Apparent improper use by U.S. applicant of temporary import application (DSP-61) for transshipment
- Unclear how European company had acquired U.S.-origin items which were to be re-transferred to Central America via U.S. applicant; no record of re-transfer authorization

Findings

- European company routinely acquired U.S.-origin items from third parties without authorization, stocked them, and re-transferred/re-exported them without authorization to a variety of end-users
- DTCC initiated directed disclosure proceedings and ultimately placed the European company under a policy of denial

Case Study #2: End-user Unable to Confirm Order by Foreign Consignee (Pre-License Check)

License for Permanent Export

Items: C-130 aircraft parts
End-user: West African air force
Foreign Consignees: Several European companies

Reasons for Check

- Large order of aircraft spare parts and limited licensing history of end-user

Findings

- End-user had no record of the order for aircraft spare parts
- Evidence points either to attempted diversion by intermediate consignees or poor record-keeping and procurement practices by end-user or foreign consignee

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Case Study #3: Attempted Circumvention of Congressional Notification Requirements (Pre-License Check)

Multiple Requests for Permanent Export

Items: Assault rifles
End-Users: Central American military and police forces
Foreign Consignee: Central American company

Reason for Check

- High volume of weapons
- Identical commodities were ordered via multiple licenses involving same exporter and end-user

Findings

- U.S. applicant and foreign consignee appeared to have deliberately divided one large order into multiple licenses in order to avoid Congressional notification requirements (\$1,000,000 threshold for firearms licenses)
- DDTTC returned applications without action; U.S. applicant resubmitted as a single license, which DDTTC notified to Congress

Case Study #4: Unable to Find Foreign Consignee (Pre-License Check)

Request for Permanent Export

Item/End-Use: F-16 aircraft spare parts
End-User: Southeast Asian air force
Foreign Consignees: Southeast Asian company

Reason for Check

- Sensitive commodity and unfamiliar foreign consignee

Findings

- Unable to locate or contact foreign consignee
- A bar/nightclub located at foreign consignee address stated in license application
- License denied

Case Study #5: Items Exported Prior to License Approval (Pre-License Check)

Request for Permanent Export

Item/End-Use: Military electronic sensors
End-User: Asian military
Foreign Consignee: Asian subsidiary of European company

Reason for Check

- Confirm end-user's order of sensitive items

Findings

- End-user confirmed order; already in receipt of items
- Items were exported prior to license approval in violation of ITAR and AECA

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Case Study #6: Suspected Diversion of Technical Data to Proscribed Destination (Check on Proposed Amendment to Manufacturing License Agreement)

Proposed Amendment to Manufacturing License Agreement (MLA)

Item: Technical data for digital radio

End-User: Southeast Asian company in support of US DOD contract

Reason for Check

- Sensitive technology
- End-user company had subsidiaries in country subject to ITAR 126.1 (U.S. arms embargo)

Findings

- Confirmed end-user had subsidiary and manufacturing facilities in embargoed country, though no clear indication that technical data would reach proscribed destination
- Company facilities in embargoed country had sought USML technical data for unrelated project
- Referred to DTCC's Enforcement Division for further inquiry

Case Study #7: Exports Exceed Authorized Quantity (Post-Shipment Check on Several Licenses)

Request for Permanent Export

Items: Aircraft spare parts

End-User: Southeast Asian military

Foreign Consignee: Southeast Asian company

Reason for Check

- Commodities in inventories of countries subject to U.S. arms embargoes

Findings

- Transaction legitimate, but exporter exceeded quantity of authorized commodities by over 30 percent
- Foreign consignee deliberately sought to stockpile items for future sales to end-user
- U.S. company also exported commodities not listed on licenses

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Case Study #8: Probable Attempted Diversion to Proscribed Destination (Pre-License Check)

Request for Permanent Export

Items: Aircraft components
End-User: Middle Eastern aviation company
Foreign Consignee: Middle Eastern trading company

Reason for Check

- Unfamiliar end-user and consignee
- Items frequently sought by country subject to U.S. arms embargo

Findings

- Unable to reach principal of end-user company because he was on business travel in U.S. embargoed country
- Consignee had no actual office in country listed on application
- End-user abruptly cancelled order following Blue Lantern inquiry; high suspicion of attempt to divert USML items to embargoed destination

Case Study #9: Bogus End-Use Certificate (Post-Shipment and Pre-License Check)

One License and One Request for Permanent Export

Items: Aircraft spare parts
End-User: South Asian air force
Foreign Consignee: Middle Eastern company

Reason for Check

- Same non-transfer and use certification (Form DSP-83) submitted by two different U.S. applicants in support of two different license applications
- Foreign consignee on the Watch List and appeared to be reusing certificate to place orders with multiple U.S. suppliers

Findings

- Signer of the DSP-83 had left South Asian MOD two months before date on DSP-83
- Application returned without action; items on license already had been exported
- PM/DDTC requires that all subsequent applications involving foreign consignee include a signed DSP-83 from the end-user

Insight: Why more cases of diversion, unauthorized re-transfers, and re-exports?

The ongoing globalization of defense industries and defense trade poses significant challenges to compliance with the ITAR and the AECA. As noted earlier in this report, the leading reason for unfavorable Blue Lantern determinations for fiscal year 2008 was indications of diversion or re-transfer/re-export to end-users or for end-uses not authorized on the license. Less than half of the unfavorable end-use checks in this category, however, involved apparent deliberate attempts to divert USML articles or technology to an unauthorized end-user. More commonly, authorized end-users

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employed licensed exports for unauthorized end-uses or re-transferred or re-exported items to unauthorized foreign intermediate consignees for integration into finished products in what were otherwise legitimate transactions.

In one case, a combination of misunderstanding and miscommunication resulted in a license application failing to state that the African consignee was to integrate USML communications equipment into a larger system which would be transferred to a previously unidentified African manufacturer. The manufacturer in turn intended to integrate the system into an unmanned aerial vehicle for export to the armed forces of a Middle Eastern country.

In another case, a Southeast Asian consignee explained that it regularly re-exported military-grade zinc selenide to its facilities in China for manufacturing, along with non-USML raw materials. Company employees admitted they were unfamiliar with restrictions on USML items and did not realize the re-exports constituted ITAR violations.

The increasing complexity of global supply chains, combined with laxity about U.S. export controls compliance among certain foreign parties – and sometimes among U.S. defense exporters as well – appears to have contributed to the rise in cases of unauthorized re-transfers and re-exports during FY 2008. To be sure, the numbers of these cases are few relative to the vast majority of defense trade transactions which are legitimate and fully compliant with U.S. export controls. The increase in unauthorized re-exports and re-transfers, however, does serve as a cautionary flag that U.S. and foreign companies need to place as much emphasis on compliance as they do on obtaining an export license. Any transaction which evades requirements under the ITAR and the AECA and undermines the chain of custody on which our export control system is built heightens the risk of technology transfer to adversaries of the United States and weakens our national security. In the coming year, PM/DDTC will continue to use the licensing review process and Blue Lantern program to identify violations of this sort and, where appropriate, refer for civil or criminal enforcement action.

Commercial Exports Licensed or Approved Under the Arms Export Control Act

UNCLASSIFIED

REPORT BY THE DEPARTMENT OF STATE PURSUANT TO SECTION 655 OF THE FOREIGN ASSISTANCE ACT OF 1961, AS AMENDED Direct Commercial Sales Authorizations for Fiscal Year 2008

Overview

This report covers defense articles and services licensed for permanent export during FY 2008 under Section 38 of the Arms Export Control Act, as amended. It is provided pursuant to Section 655 of the Foreign Assistance Act of 1961, as amended. The report specifies the aggregate dollar value and quantity of defense articles and defense services, by category, authorized to each foreign country, including any international organizations operating in each country, as well as data on the actual shipments occurring during the fiscal year. Actual shipment data contained herein shows the total dollar value of all shipments to each destination. Authorizations in this report are categorized based on the destination country licensed. This includes articles exported for use by U.S. Government agencies within the country of export as well as articles exported for use by U.S. and Allied forces operating on foreign soil.

In accordance with subsection (c) of Section 655, this report is also being made available to the public on the Internet through the Department of State, Directorate of Defense Trade Controls, at www.pmdtdc.state.gov.

Part 1 of the report details approximately \$34.2 billion in licenses authorizing the permanent export of defense articles by country, including any international organizations operating in that country, quantity, value, and U.S. Munitions List (USML) Category and Sub Category.

Part 2 of the report details approximately \$71.3 billion in defense services (i.e., agreements) authorized for export by country including any international organizations operating in that country, value, and USML Category.

Authorizations applicable to multiple countries are included under the designation "Various" in Parts 1 and 2. Since documentation for shipping purposes requires a definitive destination be declared, actual shipments for those articles approved under the designation "Various" are attributed to the country listed on the shipping documentation. Actual shipments for articles approved for the United Nations are attributed to the country in which the UN will utilize the items.

Importantly, the value of authorizations provided under Section 38 for defense articles and defense services does not precisely correlate to the value of articles actually transferred during this same time frame. Most licenses issued for articles shown in Part 1 are valid for four years and may be used throughout the period of validity to carry out the authorized export transactions. Similarly, manufacturing license and technical assistance agreements set forth in Part 2 of the report cover a wide range of programmatic activities for multi-year periods (generally exceeding the four-year validity period of defense article export licenses). Because the scope of the Department's regulatory authority over such agreements continues for as long as these multi-year agreements remain in effect, export authorizations furnished in Fiscal Year 2008 also include certain activities occurring in prior years.

The Categories and Subcategories of the USML referenced throughout this report are as follows, and note that entries with an asterisk are Significant Military Equipment (SME).

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Category I – Firearms, Close Assault Weapons and Combat Shotguns

- *(a) Nonautomatic and semi-automatic firearms
- *(b) Fully automatic firearms
- *(c) Firearms and other weapons
- *(d) Combat shotguns
- *(e) Silencers, mufflers, sound and flash suppressors
- (f) Riflescopes
- *(g) Barrels, cylinders, receivers, and complete breech mechanisms
- (h) Components, parts, and associated equipment
- (i) Technical data

Category II – Guns and Armament

- *(a) Guns over caliber .50
- (b) Flame throwers
- (c) Devices for launching or delivering ordnance
- *(d) Kinetic energy weapon systems
- (e) Signature control materials, techniques, and equipment
- *(f) Engines specifically designed for self-propelled guns and howitzers
- (g) Tooling and equipment
- (h) Test and evaluation equipment
- (i) Autoloading systems for electronic programming of projectile function
- (j) Components, parts, and associated equipment
- (k) Technical data

Category III – Ammunition/Ordnance

- *(a) Ammunition/ordnance for Categories I & II articles
- (b) Ammunition/ordnance handling equipment
- (c) Equipment and tooling
- (d) Components, parts, and associated equipment:
 - *(1) Guidance and control components
 - *(2) Safing, arming, and fuzing components
 - (3) All other components, parts, and associated equipment
- (e) Technical data

Category IV – Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines

- *(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps
- *(b) Launch vehicles and missile and anti-missile systems
 - (c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)
- *(d) Missile and space launch vehicle power plants
- *(e) Military explosive excavating devices
- *(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category

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- *(g) Non/nuclear warheads for rockets and guided missiles
- (h) Components, parts, and associated equipment
- (i) Technical data

Category V – Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents

- *(a) Explosives
- *(b) Propellants
 - (c) Pyrotechnics, fuels, and related substances
 - (d) Oxidizers
- *(e) Binders
 - (f) Additives
 - (g) Precursors
 - (h) Technical data

Category VI – Vessels of War and Special Naval Equipment

- *(a) Warships, amphibious warfare vessels, landing craft, mine warfare vessels, and patrol vessels
- (b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels
- *(c) Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems
- (d) Harbor entrance detection devices and controls
- *(e) Naval nuclear propulsion plants, their land prototypes, and facilities for their construction, support, and maintenance
 - (f) Components, parts, and associated equipment
 - (g) Technical data

Category VII – Tanks and Military Vehicles

- *(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment
- *(b) Military tanks, combat engineer vehicles, bridge launching vehicles, half-tracks and gun carriers
 - (c) Military trucks, trailers, hoists, and skids specifically designed, modified, or equipped to mount or carry weapons
- *(d) Military recovery vehicles
- *(e) Amphibious vehicles
- *(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)
 - (g) Components, parts, and associated equipment
 - (h) Technical data

Category VIII – Aircraft and Associated Equipment

- *(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft
- *(b) Military aircraft engines

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- * (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment
- (d) Launching and recovery equipment for the articles in (a)
- * (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems
- (f) Developmental aircraft, engines, and components
- * (g) Ground effect machines and components, parts, and associated equipment specifically designed for use with such machines
- (h) Components, parts, and associated equipment
- (i) Technical data

Category IX – Military Training Equipment and Training

- (a) Training equipment
- (b) Simulation devices for the items covered by this subchapter
- (c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category
- (d) Components, parts, and associated equipment
- (e) Technical data

Category X – Protective Personnel Equipment and Shelters

- (a) Protective personnel equipment
- (b) Permanent or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter
- (c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category
- (d) Components, parts, and associated equipment
- (e) Technical data

Category XI – Military Electronics

- (a) Electronic equipment not included in Category XII. This equipment includes but is not limited to:
 - * (1) Underwater sound equipment
 - * (2) Underwater acoustic active and passive countermeasures and counter-countermeasures
 - (3) Radar systems, with capabilities such as:
 - * (i) Search
 - * (ii) Acquisition
 - * (iii) Tracking
 - * (iv) Moving target indication
 - * (v) Imaging radar systems
 - (vi) Ground air traffic control radar
 - * (4) Electronic combat equipment
 - * (5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment
 - (6) Computers specifically designed for military application and any computer specifically modified for use with any defense article

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- (7) Any experimental or developmental electronic equipment specifically designed or modified for military application
- *(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance
- (c) Components, parts, and associated equipment
- (d) Technical data

Category XII – Fire Control, Range Finder, Optical and Guidance and Control Equipment

- *(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military television sighting and viewing units; periscopes
- *(b) Lasers
- *(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices
- *(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros
- (e) Components, parts, and associated equipment
- (f) Technical data

Category XIII – Auxiliary Military Equipment

- (a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry equipment, and components
- (b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components
- (c) Self-contained diving and underwater breathing apparatus
- (d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes
- (e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter
- (f) Structural materials
- (g) Concealment and deception equipment
- (h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction
- (i) Metal embrittling agents
- *(j) Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles
- (k) Tooling and equipment specifically designed or modified for the production of articles controlled by this category
- (l) Technical data

Category XIV – Toxicological Agents, Including Chemical Agents, Biological Agents, and Associated Equipment

- *(a) Chemical agents

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- * (b) Biological agents and biologically derived substances
- * (c) Chemical agent binary precursors and key precursors
 - (d) Tear gases and riot control agents
 - (e) Defoliants
- * (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment
 - (g) Antibodies, polynucleotides, biopolymers or biocatalysts specifically designed or modified for use with articles controlled in (f)
 - (h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)
 - (i) Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment
 - (j) Test facilities specifically designed or modified for the certification and qualification of articles controlled in (f)
 - (k) Components, parts, and associated equipment, exclusive of incinerators, specifically designed or modified for destruction of the chemical agents in (a) or the biological agents in (b)
 - (l) Tooling and equipment specifically designed or modified for the production of articles controlled in (f)
 - (m) Technical data

Category XV – Spacecraft Systems and Associated Equipment

- * (a) Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites
- (b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII
- (c) Global Positioning System (GPS) receiving equipment
- (d) Radiation-hardened microelectronic
- (e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.
- (f) Technical data

Category XVI – Nuclear Weapons, Design and Testing Related Items

- * (a) Any article, material, equipment, or device which is specifically designed or modified for use in the design, development, or fabrication of nuclear weapons or nuclear explosive devices
- * (b) Any article, etc. specifically designed for use in the devising, carrying out, or evaluating of nuclear weapons tests or any other nuclear explosions (including for modeling or simulating the employment of nuclear weapons)
- * (c) Nuclear radiation detection and measurement devices
 - (d) Components, parts and associated equipment specifically designed or modified for the articles in this category
 - (e) Technical data

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Category XVII – Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated

- (a) All articles, technical data, and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML

Category XVIII – Directed Energy Weapons

- *(a) Directed energy weapon systems
- *(b) Equipment specifically designed or modified for the detection or identification of, or defense against, articles controlled in (a)
 - (c) Tooling and equipment specifically designed or modified for the production of defense articles controlled by this category
 - (d) Test and evaluation equipment and test models specifically designed or modified for the defense articles controlled by this category
 - (e) Components, parts, and associated equipment specifically designed or modified for the articles in (a) through (d)
 - (f) Technical data

Category XIX – Reserved

Category XX – Submersible Vessels, Oceanographic and Associated Equipment

- *(a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants
- *(b) Swimmer delivery vehicles
 - (c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)
 - (d) Technical data

Category XXI – Miscellaneous Articles

- (a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes
- (b) Technical data

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PART I

F Y 2008 Authorized Defense Articles Under Section 38 of the AECA

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Part I – Authorized Defense Articles, FY 2008

<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AFGHANISTAN			
Category I	Firearms, Close Assault Weapons, and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,519	36,532
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	40	14,000
	(h) Components, parts and associated equipment	5,162	186,378
	(i) Technical data	3	251,100
	<i>Category I Value Total</i>	<i>6,724</i>	<i>488,010</i>
Category II	Guns and Armament		
	(k) Technical data	1	250,000
	<i>Category II Value Total</i>	<i>1</i>	<i>250,000</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	1,684,130	848,407
	<i>Category III Value Total</i>	<i>1,684,130</i>	<i>848,407</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistics Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	609	58,422
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	4,139	744,525
	(h) Components, parts and associated equipment	1,043	12,073,779
	<i>Category IV Value Total</i>	<i>5,791</i>	<i>12,876,726</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	150	6,863
	<i>Category V Value Total</i>	<i>150</i>	<i>6,863</i>
Category VII	Tanks and Military Vehicles		
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	50	1,250,000
	(g) Components, parts and associated equipment	11,410	40,177,000
	(h) Technical data	3	29,580,500
	<i>Category VII Value Total</i>	<i>11,463</i>	<i>71,007,500</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	1	7,985,168
	(h) Components, parts and associated equipment	1,035	201,459,252
	(i) Technical data	33	660,297
	<i>Category VIII Value Total</i>	<i>1,069</i>	<i>210,104,717</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	561	15,119,839

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Part I – Authorized Defense Articles, FY 2008

<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AFGHANISTAN			
(cont.)			
Category IX (cont.)	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	1,507	24,801,000
	(d) Components, parts and associated equipment	1	5,000
	(e) Technical data	3,045	605,003
	<i>Category IX Value Total</i>	<i>5,114</i>	<i>39,986,342</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1,572	1,174,691
	(d) Components, parts and associated equipment	239	31,705
	(e) Technical data	1	100,000
	<i>Category X Value Total</i>	<i>1,812</i>	<i>1,306,396</i>
Category XI	Military Electronics		
	*(a)(4) Electronic combat equipment	1	359,700
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	22	549,855
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	54	289,373
	(c) Components, parts and associated equipment	9,930	37,432,499
	(d) Technical data	35	600,380
	<i>Category XI Value Total</i>	<i>10,042</i>	<i>39,231,807</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights; bombing computers, military TV sighting and viewing units; periscopes	4	5,200,000
	*(b) Lasers	445	21,285,000
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	41	2,815,042
	(e) Components, parts and associated equipment	132,421	25,011,391
	(f) Technical data	20	200
	<i>Category XII Value Total</i>	<i>132,531</i>	<i>54,311,633</i>
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	1	100
	<i>Category XIII Value Total</i>	<i>1</i>	<i>100</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AFGHANISTAN (cont.)			
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts and associated equipment specifically designed or modified for military operations and compatibility with military equipment	225	22,214
	<i>Category XIV Value Total</i>	225	22,214
Category XVII	Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated		
	(a) All articles, technical data, and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML	5	21,550
	<i>Category XVII Value Total</i>	5	21,550
	AFGHANISTAN Country Total Authorized	1,859,058	430,462,265
	AFGHANISTAN Country Total Shipments		1,017,275,000
ALBANIA			
Category III	Ammunition/Ordnance		
	*(d)(1) Guidance and control components	16	2,200,000
	<i>Category III Value Total</i>	16	2,200,000
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	2	2,000
	<i>Category VIII Value Total</i>	2	2,000
Category IX	Military Training Equipment and Training		
	(d) Components, parts and associated equipment	1	2,615
	(e) Technical data	2	30,814
	<i>Category IX Value Total</i>	3	33,429
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	25	180,242
	<i>Category XII Value Total</i>	25	180,242
	ALBANIA Country Total Authorized	62	2,427,051
	ALBANIA Country Total Shipments		636,000
ALGERIA			
Category II	Guns and Armament		
	*(a) Guns over caliber .50	22	4,549,622
	(k) Technical data	52	163,980
	<i>Category II Value Total</i>	74	4,712,602

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ALGERIA (cont.)			
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	17,070	1,981,631
	(e) Technical data	1	1
	<i>Category III Value Total</i>	<i>17,071</i>	<i>1,981,632</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	120	339,920
	<i>Category V Value Total</i>	<i>120</i>	<i>339,920</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	64	160,510
	(g) Technical data	1	1,000
	<i>Category VI Value Total</i>	<i>65</i>	<i>161,510</i>
Category VII	Tanks and Military Vehicles		
	(h) Technical data	1	280,000
	<i>Category VII Value Total</i>	<i>1</i>	<i>280,000</i>
Category VIII	Aircraft and Associated Equipment		
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	96	33,779
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Unites, and Attitude and Heading Reference Systems	32	1,634,590
	(h) Components, parts and associated equipment	281	28,157,899
	(i) Technical data	50	9,534
	<i>Category VIII Value Total</i>	<i>459</i>	<i>29,835,802</i>
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	2,231	33,943,449
	(c) Components, parts and associated equipment	3,164	15,842,643
	(d) Technical data	180	33,755
	<i>Category XI Value Total</i>	<i>5,575</i>	<i>49,819,847</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1	4,500
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	148	322,360

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ALGERIA (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(e) Components, parts and associated equipment	98	77,065
	(f) Technical data	9	1,700
	<i>Category XII Value Total</i>	256	405,625
Category XIII	Auxiliary Military Equipment		
	(i) Technical data	1	100
	<i>Category XIII Value Total</i>	1	100
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts and associated equipment specifically designed or modified for military operations and compatibility with military equipment	13	2,110
	<i>Category XIV Value Total</i>	13	2,110
	ALGERIA Country Total Authorized	23,635	87,540,148
	ALGERIA Country Total Shipments		112,937,000
ANDORRA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	150	24,444
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	19	4,762
	(h) Components, parts and associated equipment	45	2,858
	<i>Category I Value Total</i>	214	32,064
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	194,500	79,935
	<i>Category III Value Total</i>	194,500	79,935
	ANDORRA Country Total Authorized	194,714	111,999
	ANDORRA Country Total Shipments		12,000
ANGOLA			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	15	240,000
	(h) Components, parts and associated equipment	100	20,000
	<i>Category IV Value Total</i>	115	260,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ANGOLA (cont.)			
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	* (a) Explosives	370	1,141,160
	<i>Category V Value Total</i>	370	1,141,160
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	12	7,192
	<i>Category VI Value Total</i>	12	7,192
Category IX	Military Training Equipment and Training		
	(e) Technical data	10	100
	<i>Category IX Value Total</i>	10	100
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	7	124,038
	(d) Technical data	1	1,000
	<i>Category XI Value Total</i>	8	125,038
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	40	152,000
	<i>Category XII Value Total</i>	40	152,000
	ANGOLA Country Total Authorized	555	1,685,490
	ANGOLA Country Total Shipments		682,000
ANGUILLA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	15	8,985
	<i>Category I Value Total</i>	15	8,985
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II articles	5,000	1,550
	<i>Category III Value Total</i>	5,000	1,550
	ANGUILLA Country Total Authorized	5,015	10,535
	ANGUILLA Country Total Shipments		5,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ANTARCTICA			
Category XI	Military Electronics		
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance (NOTE: Supporting University of Alaska sponsored project.)	4	17,500
	<i>Category XI Value Total</i>	4	17,500
	ANTARCTICA Country Total Authorized	4	17,500
	ANTARCTICA Country Total Shipments		-
ANTIGUA			
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	55,000	17,200
	<i>Category III Value Total</i>	55,000	17,200
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	100	1,000,000
	(d) Technical data	100	10,000
	<i>Category XI Value Total</i>	200	1,010,000
	ANTIGUA Country Total Authorized	55,200	1,027,200
	ANTIGUA Country Total Shipments		55,000
ARGENTINA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	6,012	2,301,663
	*(c) Firearms and other weapons	250	200,000
	*(d) Combat shotguns	20	175
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	91	8,740
	(h) Components, parts and associated equipment	468	25,491
	<i>Category I Value Total</i>	6,841	2,536,069
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	12,385,850	2,112,176
	(b) Ammunition/ordnance handling equipment	253,000	45,540
	(c) Equipment and tooling	2,300	1,970
	(d)(3) All other components, part, and associated equipment	1,797,400	225,584
	<i>Category III Value Total</i>	14,438,550	2,385,270

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ARGENTINA (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	16	160
	<i>Category IV Value Total</i>	16	160
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	17	16,107
	(g) Technical data	1	100
	<i>Category VI Value Total</i>	18	16,207
Category VII	Tanks and Military Vehicles		
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	4	155,520
	(g) Components, parts and associated equipment	527	448,550
	(h) Technical data	19	113,050
	<i>Category VII Value Total</i>	550	717,120
Category VIII	Aircraft and Associated Equipment		
	(d) Launching and recovery equipment for the articles in (a)	3	8,550
	*(e) Inertial navigation systems, aided or hybrid navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	11	368,356
	(h) Components, parts and associated equipment	38,818	62,066,564
	(i) Technical data	8	5,201
	<i>Category VIII Value Total</i>	38,840	62,448,671
Category IX	Military Training Equipment and Training		
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1	150
	<i>Category IX Value Total</i>	1	150
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	15	14,295
	<i>Category X Value Total</i>	15	14,295
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	124	2,817,725
	(c) Components, parts and associated equipment	444	1,043,551
	(d) Technical data	427	170,705
	<i>Category XI Value Total</i>	995	4,031,981

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ARGENTINA (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights; bombing computers, military TV sighting and viewing units; periscopes	164	156,800
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1	396,000
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; Astro-compasses and star trackers and military accelerometers and gyros	2	1,084,250
	(e) Components, parts and associated equipment	153	98,795
	(f) Technical data	5	111
	<i>Category XII Value Total</i>	325	1,735,956
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	300,600	3,083,237
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	45,030	415,210
	<i>Category XIV Value Total</i>	345,630	3,498,447
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	8	178,952
	(d) Radiation-hardened microelectronics	228	575,037
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1,064	2,622,568
	(f) Technical data	8	20,450
	<i>Category XV Value Total</i>	1,308	3,397,007
	ARGENTINA Country Total Authorized	14,833,089	80,781,963
	ARGENTINA Country Total Shipments		15,818,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ARUBA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	11	14,100
	(h) Components, parts and associated equipment	17	1,003
	<i>Category I Value Total</i>	28	15,103
	ARUBA Country Total Authorized	28	15,103
	ARUBA Country Total Shipments		64,000
AUSTRALIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	44,030	16,948,749
	* (b) Fully automatic firearms	4	4,000
	(d) Combat shotguns	150	3,225
	(f) Riflescopes	36	32,771
	* (g) Barrels, cylinders, receivers, and complete breech mechanisms	106,362	1,575,889
	(h) Components, parts and associated equipment	64,708	2,079,921
	(i) Technical data	22	350
	<i>Category 1 Value Total</i>	215,312	20,644,905
	Category II		
	Guns and Armament		
Category II	(g) Tooling and equipment	228	1,070,373
	(h) Test and evaluation equipment	30	569
	(j) Components, parts and associated equipment	152	647,916
	(k) Technical data	150	1,500
	<i>Category II Value Total</i>	560	1,720,358
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II articles	126,647,912	52,945,582
	(c) Equipment and tooling	1,175	71,428
	* (d)(1) Guidance and control components	54,888	176,202
	* (d)(2) Safing, arming, and fuzing components	25,312	1,265,094
	(d)(3) All other components, part, and associated equipment	291,958,735	15,699,262
Category III	(e) Technical data	15	1,016
	<i>Category III Value Total</i>	418,688,037	70,158,584
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	2,978	25,318,563

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AUSTRALIA (cont.)			
Category IV (cont.)	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	56,637	9,038,889
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	14	16,999
	(h) Components, parts and associated equipment	52,777	35,585,240
	(i) Technical data	133	3,380,250
	<i>Category IV Value Total</i>	112,539	73,339,941
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	32,440	682,427
	*(b) Propellants	900	9,351
	(c) Pyrotechnics, fuels, and related substances	2,466	481,912
	(d) Oxidizers	1,103	7,600
	<i>Category V Value Total</i>	36,909	1,181,290
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	4,057	11,267,238
	(g) Technical data	53	8,684
	<i>Category VI Value Total</i>	4,110	11,275,922
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	2	599,680
	(g) Components, parts and associated equipment	7,618	12,170,655
	(h) Technical data	30	7,672,933
	<i>Category VII Value Total</i>	7,650	20,443,268
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	15	3,473,009
	*(b) Military aircraft engines	8	209,000
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel airborne equipment	420	111,649
	(d) Launching and recovery equipment for the articles in (a)	220	6,337,740
	*(e) Inertial navigation systems, aided or hybrid navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	301	1,414,179
	(h) Components, parts and associated equipment	179,228	222,846,292

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AUSTRALIA (cont.)			
Category VIII (cont.)	Aircraft and Associated Equipment		
	(i) Technical data	2,814	582,661
	<i>Category VIII Value Total</i>	183,006	234,974,530
Category IX	Military Training Equipment and Training		
	(a) Training equipment	772	6,757,905
	(b) Simulation devices for the items covered by this subchapter	124	3,770,944
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	240	113,228
	(d) Components, parts and associated equipment	2,575	8,558,982
	(e) Technical data	96	322,627
	<i>Category IX Value Total</i>	3,807	19,523,686
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	4,631	198,798
	(d) Components, parts and associated equipment	3,913	322,481
	<i>Category X Value Total</i>	8,544	521,279
Category XI	Military Electronics		
	(a) Electronic equipment not included in Category XII	111	14,073,327
	*(a)(1) Underwater sound equipment	564	1,103,895
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	27	2,709,000
	*(a)(3)(i) Search radar	3	274,950
	*(a)(3)(iii) Tracking radar	15	90,462
	*(a)(3)(iv) Moving target indication radar	6	48,000
	*(a)(3)(v) Imaging radar systems	1	115,000
	*(a)(4) Electronic combat equipment	84,182	5,293,449
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	569	17,527,233
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	316	8,060,258
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	36	1,235,899
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	281	19,811,530
	(c) Components, parts and associated equipment	209,990	234,459,264
	(d) Technical data	416	5,677,591
	<i>Category XI Value Total</i>	296,562	310,479,858

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AUSTRALIA (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights; bombing computers, military TV sighting and viewing units; periscopes	3	1,163,663
	*(b) Lasers	66	72,520
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	285	8,224,255
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; Astro-compasses and star trackers and military accelerometers and gyros	465	7,950,810
	(e) Components, parts and associated equipment	19,828	36,160,834
	(f) Technical data	142	58,758
	<i>Category XII Value Total</i>	<i>20,789</i>	<i>53,630,840</i>
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	13,786	38,664,192
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter, which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	12	934,200
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled in this subchapter	71	57,255
	(f) Structural materials	62	223,200
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	121,654	6,610,174
	(i) Technical data	41	490,730
	<i>Category XIII Value Total</i>	<i>135,626</i>	<i>46,979,751</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	10,148	193,698

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AUSTRALIA (cont.)			
Category XIV (cont.)	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2,071	347,283
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	100	1,960
	(m) Technical data	1	3,600
	<i>Category XIV Value Total</i>	<i>12,320</i>	<i>546,541</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	16	23,920
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category; satellite fuel, ground support equipment, etc.	294	22,621,829
	(f) Technical data	104	289,712
	<i>Category XV Value Total</i>	<i>414</i>	<i>22,935,461</i>
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) or (b)	134	121,527
	(d) Technical data	1	100
	<i>Category XX Value Total</i>	<i>135</i>	<i>121,627</i>
	AUSTRALIA Country Total Authorized	419,726,320	888,477,841
	AUSTRALIA Country Total Shipments		622,796,000
AUSTRIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	3,370	1,411,911
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	66	24,676
	(h) Components, parts and associated equipment	501,027	605,513
	<i>Category I Value Total</i>	<i>504,463</i>	<i>2,042,100</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	8,070,125	1,006,127
	(b) Ammunition/ordnance handling equipment	50,000	5,500

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AUSTRIA (cont.)			
Category III (cont.)	Ammunition/Ordnance		
	(c) Equipment and tooling	1	35
	*(d)(2) Safing, arming, and fuzing components	100	15,216
	(d)(3) All other components, part, and associated equipment	2,053,960	58,524
	<i>Category III Value Total</i>	<i>10,174,186</i>	<i>1,085,402</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(i) Technical data	1	50
	<i>Category IV Value Total</i>	<i>1</i>	<i>50</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	668	114,732
	(c) Pyrotechnics, fuels, and related substances	25	1,393
	<i>Category V Value Total</i>	<i>693</i>	<i>116,125</i>
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	1	1,000
	<i>Category VI Value Total</i>	<i>1</i>	<i>1,000</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	23	1,108,024
	(h) Technical data	1	500
	<i>Category VII Value Total</i>	<i>24</i>	<i>1,108,524</i>
Category VIII	Aircraft and Associated Equipment		
	*(e)		
	Inertial navigation systems, aided or hybrid navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	13	598,000
	(h) Components, parts and associated equipment	6,862	16,810,973
	(i) Technical data	40	6
	<i>Category VIII Value Total</i>	<i>6,915</i>	<i>17,408,979</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	13	61,759
	(d) Components, parts and associated equipment	315	33,035
	(e) Technical data	1	25
	<i>Category X Value Total</i>	<i>329</i>	<i>94,819</i>
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	2	123,336
	*(b)		
	Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	2	56,850
	(c) Components, parts and associated equipment	4,262	2,186,260

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AUSTRIA (cont.)			
Category XI (cont.)	Military Electronics		
	(d) Technical data	90	14,986
	<i>Category XI Value Total</i>	4,356	2,381,432
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights; bombing computers, military TV sighting and viewing units; periscopes	6	8,097
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	325	46,466
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; Astro-compasses and star trackers and military accelerometers and gyros	93	962,401
	(e) Components, parts and associated equipment	204	107,980
	(f) Technical data	5	9
	<i>Category XII Value Total</i>	633	1,124,953
Category XIII	Auxiliary Military Equipment		
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter, which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	3	422,156
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	1	1,732
	<i>Category XIII Value Total</i>	4	423,888
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, etc.	2	41,700
	<i>Category XV Value Total</i>	2	41,700
	AUSTRIA Country Total Authorized	10,691,607	25,828,972
	AUSTRIA Country Total Shipments		6,769,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
AZERBAIJAN			
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	3	8,500
	<i>Category VIII Value Total</i>	3	8,500
Category IX	Military Training Equipment and Training		
	(a) Training equipment	1	63,000
	<i>Category IX Value Total</i>	1	63,000
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	135	159,000
	(d) Technical data	102	5,600
	<i>Category XI Value Total</i>	237	164,600
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	10	49,750
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; Astro-compasses and star trackers and military accelerometers and gyros	8	38,304
	<i>Category XII Value Total</i>	18	88,054
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	5,378	791,818
	<i>Category XIII Value Total</i>	5,378	791,818
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	20	6,960
	<i>Category XIV Value Total</i>	20	6,960
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	*(a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	2	230,000
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	78	586,692
	<i>Category XX Value Total</i>	80	816,692
	AZERBAIJAN Country Total Shipments	5,737	1,939,624
	AZERBAIJAN Country Total Authorized		1,507,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BAHAMAS			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	298	152,463
	*(b) Fully automatic firearms	15	26,820
	<i>Category I Value Total</i>	313	179,283
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	454,800	181,230
	<i>Category III Value Total</i>	454,800	181,230
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than -50 caliber machine guns and auxiliary vessels	2	189,424
	<i>Category VI Value Total</i>	2	189,424
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	2	6,922
	<i>Category XIII Value Total</i>	2	6,922
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	25	650
	<i>Category XIV Value Total</i>	25	650
	BAHAMAS Country Total Authorized	455,142	557,509
	BAHAMAS Country Total Shipments		16,892,000
BAHRAIN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	44	52,117
	<i>Category I Value Total</i>	44	52,117
Category II	Guns and Armament		
	(k) Technical data	2	2,000
	<i>Category II Value Total</i>	2	2,000
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	10,067	108,000
	(b) Ammunition/ordnance handling equipment	14	3,094
	(c) Equipment and tooling	56	2,967
	<i>Category III Value Total</i>	10,137	114,061

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BAHRAIN (cont.)			
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	8	868,040
	(f) Components, parts and associated equipment	33	288
	(g) Technical data	31	32,045,000
	<i>Category VI Value Total</i>	72	32,913,328
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	29	495,952
	<i>Category VII Value Total</i>	29	495,952
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	483	50,006,310
	(i) Technical data	2	1,100
	<i>Category VIII Value Total</i>	485	50,007,410
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	30	166,320
	<i>Category X Value Total</i>	30	166,320
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	3	66,515
	(c) Components, parts and associated equipment	779	2,481,736
	(d) Technical data	292	168,400
	<i>Category XI Value Total</i>	1,074	2,716,651
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	2	205,996
	(e) Components, parts and associated equipment	56	1,013,936
	(f) Technical data	7	2,331
	<i>Category XII Value Total</i>	65	1,222,263
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	1	1,701,513
	<i>Category XIII Value Total</i>	1	1,701,513
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	1,500	18,795

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BAHRAIN (cont.)			
Category XIV (cont.)	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1	4,000,000
	<i>Category XIV Value Total</i>	1,501	4,018,795
	BAHRAIN Country Total Authorized	13,440	93,410,470
	BAHRAIN Country Total Shipments		618,122,000
BANGLADESH			
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	622	7,478,567
	(i) Technical data	1	500
	<i>Category VIII Value Total</i>	623	7,479,067
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	80	87,672
	(d) Components, parts and associated equipment	270	7,075
	(e) Technical data	1	150,000
	<i>Category X Value Total</i>	351	244,747
Category XI	Military Electronics		
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	1	119,677
	(c) Components, parts and associated equipment	1,011	398,459
	(d) Technical data	450	168,200
	<i>Category XI Value Total</i>	1,462	686,336
	BANGLADESH Country Total Authorized	2,436	8,410,150
	BANGLADESH Country Total Shipments		1,663,000
BARBADOS			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	74	53,166
	(h) Components, parts and associated equipment	72	2,592
	<i>Category I Value Total</i>	146	55,758
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II	316,010	106,675
	<i>Category III Value Total</i>	316,010	106,675

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BARBADOS (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	6	19,770
	<i>Category XII Value Total</i>	6	19,770
	BARBADOS Country Total Authorized	316,162	182,203
	BARBADOS Country Total Shipments		1,215,000
BELGIUM			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	47,096	14,135,364
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	1,643	241,977
	(h) Components, parts and associated equipment	54,954	2,719,803
	<i>Category I Value Total</i>	<i>103,693</i>	<i>17,097,144</i>
Category II	Guns and Armament		
	*(a) Guns over caliber .50	19	3,686,000
	(h) Test and evaluation equipment	1	137,400
	(j) Components, parts and associated equipment	45	6,172
	(k) Technical data	12	315
	<i>Category II Value Total</i>	<i>77</i>	<i>3,829,887</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II	85,488,295	8,469,849
	*(d)(1) Guidance and control components	1,320	976
	*(d)(2) Safing, arming, and fuzing components	210	40,470
	(d)(3) All other components, parts, and associated equipment	62,096,280	1,839,836
	(e) Technical data	2	150
	<i>Category III Value Total</i>	<i>147,586,107</i>	<i>10,351,551</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	1,529	15,996
	(i) Technical data	67	41,050
	<i>Category IV Value Total</i>	<i>1,596</i>	<i>57,016</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	153	36,268
	<i>Category V Value Total</i>	<i>153</i>	<i>36,268</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BELGIUM (cont.)			
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	40	528
	<i>Category VII Value Total</i>	40	528
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	51,901	11,610,598
	(h) Technical data	50	42,950
	<i>Category VII Value Total</i>	51,951	11,653,548
Category VIII	Aircraft and Associated Equipment		
	(d) Launching and recovery equipment for the articles in (a)	1	3,361
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units and Attitude and Heading Reference Systems	3	38,700
	(h) Components, parts and associated equipment	63,982	7,538,928,039
	(i) Technical data	7	2,600
	<i>Category VIII Value Total</i>	63,993	7,538,972,700
Category IX	Military Training Equipment and Training		
	(d) Components, parts and associated equipment	8	1,304
	(e) Technical data	24	2,500
	<i>Category IX Value Total</i>	32	3,804
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	2,479	279,156
	(d) Components, parts and associated equipment	19	2,101
	<i>Category X Value Total</i>	2,498	281,257
Category XI	Military Electronics		
	*(a)(4) Electronic combat equipment	3,002	202,200
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	5	87,987
	(c) Components, parts and associated equipment	4,084	14,092,398
	(d) Technical data	29	715,969
	<i>Category XI Value Total</i>	7,120	15,098,554
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	7	88,882
	(e) Components, parts and associated equipment	2,364	132,528
	(f) Technical data	2	1,000,000
	<i>Category XII Value Total</i>	2,373	1,221,410
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	12	144,316

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BELGIUM (cont.)			
Category XIII (cont.)	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	1	68,286
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter, which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	5	23,637
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled in this subchapter	5	119,646
	(g) Concealment and deception equipment	6,000	33,947
	(i) Technical data	1	100
	<i>Category XIII Value Total</i>	6,024	389,932
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	1,150	3,738
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2,212	29,516
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	8	8
	<i>Category XIV Value Total</i>	3,370	33,262
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	10	700,000
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	4,855	3,822,000
	(f) Technical data	2	200
	<i>Category XV Value Total</i>	4,867	4,522,200
	BELGIUM Country Total Authorized	147,833,894	7,603,549,061
	BELGIUM Country Total Shipments		285,745,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BELIZE			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	133	75,430
	*(b) Fully automatic firearms	260	433,842
	(h) Components, parts and associated equipment	38	850
	<i>Category I Value Total</i>	431	510,122
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II	57,200	41,200
	<i>Category III Value Total</i>	57,200	41,200
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	4	20,556
	<i>Category XXI Value Total</i>	4	20,556
	BELIZE Country Total Authorized	57,635	571,878
	BELIZE Country Total Shipments		581,000
BERMUDA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	4	3,886
	(h) Components, parts and associated equipment	20	861
	<i>Category I Value Total</i>	24	4,747
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	400	8,460
	<i>Category IV Value Total</i>	400	8,460
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	3,900	304,200
	(d) Oxidizers	9,000	166,500
	<i>Category V Value Total</i>	12,900	470,700
Category XII	Fire Controls, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	2	1,972

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BERMUDA (cont.)			
Category XII (cont.)	Fire Controls, Range Finder, Optical and Guidance and Control Equipment		
	(e) Components, parts and associated equipment	1	171
	<i>Category XII Value Total</i>	3	2,143
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	100	2,300
	<i>Category XIV Value Total</i>	100	2,300
Category XV	Spacecraft Systems and Associated Equipment		
	*(a) Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	2	113,560,000
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	3,810	504,480
	<i>Category XV Value Total</i>	3,812	114,064,480
	BERMUDA Country Total Shipments	17,239	114,552,830
	BERMUDA Country Total Authorized		5,606,000
BHUTAN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1	2,185
	<i>Category I Value Total</i>	1	2,185
	BHUTAN Country Total Authorized	1	2,185
	BHUTAN Country Total Shipments		-
BOLIVIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,228	220,350
	(h) Components, parts and associated equipment	84	714
	<i>Category I Value Total</i>	1,312	221,064
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II	10,247,000	359,680
	<i>Category III Value Total</i>	10,247,000	359,680

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BOLIVIA (cont.)			
Category VII	Tanks and Military Vehicles		
	(h) Technical data	1	500
	<i>Category VII Value Total</i>	1	500
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	6	5,536,224
	(h) Components, parts and associated equipment	2,442	2,045,731
	<i>Category VIII Value Total</i>	2,448	7,581,955
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(e) Components, parts and associated equipment	28	11,922
	<i>Category XII Value Total</i>	28	11,922
	BOLIVIA Country Total Authorized	10,250,789	8,175,121
	BOLIVIA Country Total Shipments		13,683,000
BOSNIA HERZEGOVINA			
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	1	4,325
	<i>Category VIII Value Total</i>	1	4,325
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	50	28,350
	<i>Category X Value Total</i>	50	28,350
	BOSNIA HERZEGOVINA Country Total Authorized	51	32,675
	BOSNIA HERZEGOVINA Country Total Shipments		198,000
BOTSWANA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	80	20,370
	(h) Components, parts and associated equipment	75	6,450
	<i>Category I Value Total</i>	155	26,820
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	17	2,201,275
	<i>Category VII Value Total</i>	17	2,201,275
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	65	18,219,540
	(i) Technical data	1	1,000
	<i>Category VIII Value Total</i>	66	18,220,540

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BOTSWANA			
Category X	Protective Personnel Equipment and Shelters		
	(d) Components, parts and associated equipment	20	3,210
	<i>Category X Value Total</i>	20	3,210
Category XI	Military Electronics		
	*(a)(3)(i) Search radar	4	1,324,000
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	618	5,762,047
	(c) Components, parts and associated equipment	2,991	5,024,595
	(d) Technical data	788	171,488
	<i>Category XI Value Total</i>	4,401	12,282,130
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	2	3,625
	<i>Category XII Value Total</i>	2	3,625
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	200	932,250
	<i>Category XIII Value Total</i>	200	932,250
	BOTSWANA Country Total Authorized	4,861	33,669,850
	BOTSWANA Country Total Shipments		8,975,000
BRAZIL			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	558	292,753
	*(b) Fully automatic firearms	46	92,708
	(f) Riflescopes	33	22,248
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	93	52,570
	(h) Components, parts and associated equipment	226,079	292,492
	(i) Technical data	20	100
	<i>Category I Value Total</i>	226,804	749,976
Category II	Guns and Armament		
	(k) Technical data	50	2,700
	<i>Category II Value Total</i>	50	2,700
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	6,769,680	3,508,710
	(b) Ammunition handling equipment	350,888	41,318
	(c) Equipment and tooling	1	100
	*(d)(1) Guidance and control components	855	7,013
	*(d)(2) Safing, arming, and fuzing components	101	1,250
	(d)(3) All other components, part, and associated equipment	268,600	39,280

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BRAZIL (cont.)			
Category III (cont.)	Ammunition/Ordnance		
	(e) Technical data	20	100
	<i>Category III Value Total</i>	7,390,145	3,597,771
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	1,917	115,486
	(i) Technical data	2	500
	<i>Category IV Value Total</i>	1,919	115,986
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	160	9,154
	*(b) Propellants	46,234	294,222
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	31,500	2,440,500
	(f) Additives	40	3,800
	(h) Technical data	5	500
	<i>Category V Value Total</i>	77,939	2,748,176
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	461	5,572,424
	<i>Category VI Value Total</i>	461	5,572,424
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	1,725	243,351
	(h) Technical data	6	111,500
	<i>Category VII Value Total</i>	1,731	354,851
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	9	10,169,683
	*(b) Military aircraft engines	17	15,149,229
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	295	435,170
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	126	3,135,669
	(h) Components, parts and associated equipment	22,922	40,948,309
	(i) Technical data	295	387,199
	<i>Category VIII Value Total</i>	23,664	70,225,259
Category IX	Military Training Equipment and Training		
	(a) Training equipment	6	60,600
	(d) Components, parts and associated equipment	25	72,830

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BRAZIL (cont.)			
Category IX (cont.)	Military Training Equipment and Training		
	(e) Technical data	10	56,260
	<i>Category IX Value Total</i>	41	189,690
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	100	97,021
	(d) Components, parts and associated equipment	2,175	67,559
	<i>Category X Value Total</i>	2,275	164,580
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	6	87,173
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	2	3,954
	*(a)(3)(iii) Tracking radar	14	49,700
	*(a)(3)(iv) Moving target indication radar	1	19,561
	*(a)(3)(v) Imaging radar systems	12	59,484
	(a)(3)(vi) Ground air traffic control radar	1	15,223
	*(a)(4) Electronic combat equipment	3,000	106,200
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	173	2,622,155
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	27	1,414,527
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	2	2,525
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	29	583,939
	(c) Components, parts and associated equipment	2,522	7,100,074
	(d) Technical data	51	22,250
	<i>Category XI Value Total</i>	5,840	12,086,765
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plan array detectors; image intensification and other night vision sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	85	407,993
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	79	2,718,151
	(e) Components, parts and associated equipment	1,727	696,544

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BRAZIL (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(f) Technical data	11	6,000
	<i>Category XII Value Total</i>	1,902	3,828,688
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	38	53,180
	<i>Category XIII Value Total</i>	38	53,180
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	8	2,736
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	375	104,322
	<i>Category XIV Value Total</i>	383	107,058
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	13	979,000
	(d) Radiation-hardened microelectronics	15	17,250
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	81	218,060
	(f) Technical data	13	36,150
	<i>Category XV Value Total</i>	122	1,250,460
	BRAZIL Country Total Authorized	7,733,337	101,050,459
	BRAZIL Country Total Shipments		48,075,000
BRITISH VIRGIN ISLANDS			
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	50,000	13,000
	<i>Category III Value Total</i>	50,000	13,000
	BRITISH VIRGIN ISLANDS Country Total Authorized	50,000	13,000
	BRITISH VIRGIN ISLANDS Country Total Shipments		34,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BRUNEI			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	295	55,549
	(h) Components, parts and associated equipment	10,984	56,099
	<i>Category I Value Total</i>	<i>11,279</i>	<i>111,648</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	1,002	775,434
	(h) Components, parts and associated equipment	175	20,652
	<i>Category IV Value Total</i>	<i>1,177</i>	<i>796,086</i>
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	1	32,000,000
	(g) Technical data	4	3,400
	<i>Category VI Value Total</i>	<i>5</i>	<i>32,003,400</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	154	1,732,137
	<i>Category VIII Value Total</i>	<i>154</i>	<i>1,732,137</i>
Category X	Protective Personnel Equipment and Shelters		
	(d) Components, parts and associated equipment	505	6,719
	<i>Category X Value Total</i>	<i>505</i>	<i>6,719</i>
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	997	21,213,910
	(c) Components, parts and associated equipment	883	3,687,276
	(d) Technical data	23	7,305
	<i>Category XI Value Total</i>	<i>1,903</i>	<i>24,908,491</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	25	94,850
	(e) Components, parts and associated equipment	35	147,304
	(f) Technical data	1	1
	<i>Category XII Value Total</i>	<i>61</i>	<i>242,155</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BRUNEI (cont.)			
Category XIII	Military Auxiliary Equipment		
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	1	1,559
	<i>Category XIII Value Total</i>	1	1,559
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	322	74,067
	<i>Category XIV Value Total</i>	322	74,067
	BRUNEI Country Total Authorized	15,407	59,876,262
	BRUNEI Country Total Shipments		8,758,000
BULGARIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	160,443	1,293,416
	*(b) Fully automatic firearms	7	202,302
	*(d) Combat shotguns	200	1,950
	(h) Components, parts and associated equipment	499	5,259
	<i>Category I Value Total</i>	161,149	1,502,927
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	4,052,050	768,678
	(e) Technical data	2	194,625
	<i>Category III Value Total</i>	4,052,052	963,303
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	14	453,757
	(h) Components, parts and associated equipment	19,056	25,619
	<i>Category IV Value Total</i>	19,070	479,376
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	3	300
	<i>Category VI Value Total</i>	3	300
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	7	8,136,569
	(g) Components, parts and associated equipment	2	1,519,662

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BULGARIA (cont.)			
Category VII (cont.)	Tanks and Military Vehicles		
	(h) Technical data	3	225,374
	<i>Category VII Value Total</i>	12	9,881,605
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	394	1,940,740
	(i) Technical data	3	250
	<i>Category VIII Value Total</i>	397	1,940,990
Category IX	Military Training Equipment and Training		
	(e) Technical data	1	10
	<i>Category IX Value Total</i>	1	10
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	74	2,654,243
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	76	266,022
	(c) Components, parts and associated equipment	256	579,285
	(d) Technical data	1,315	752,561
	<i>Category XI Value Total</i>	1,721	4,252,111
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	14	634,177
	(e) Components, parts and associated equipment	3	11,976
	(f) Technical data	11	2,335
	<i>Category XII Value Total</i>	28	648,488
Category XIII	Auxiliary Military Equipment		
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled in this subchapter	4	18,962
	<i>Category XIII Value Total</i>	4	18,962
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	57	21,739
	<i>Category XIV Value Total</i>	57	21,739

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
BULGARIA (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	1	68,108
	<i>Category XV Value Total</i>	1	68,108
	BULGARIA Country Total Authorized	4,234,495	19,777,919
	BULGARIA Country Total Shipments		20,389,000
BURKINA FASO			
Category III	Ammunition/Ordnance		
	(b) Ammunition/ordnance handling equipment	1	550
	(d)(3) All other components, part, and associated equipment	800,000	56,000
	<i>Category III Value Total</i>	<i>800,001</i>	<i>56,550</i>
	BURKINA FASO Country Total Authorized	800,001	56,550
	BURKINA FASO Country Total Shipments		57,000
BURUNDI			
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	30	22,711
	<i>Category XI Value Total</i>	<i>30</i>	<i>22,711</i>
	BURUNDI Country Total Authorized	30	22,711
	BURUNDI Country Total Shipments		29,000
CAMBODIA			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	15	240,000
	(h) Components, parts and associated equipment	100	20,000
	<i>Category IV Value Total</i>	<i>115</i>	<i>260,000</i>
	CAMBODIA Country Total Authorized	115	260,000
	CAMBODIA Country Total Shipments		567,000
CAMEROON			
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	1,113	13,022,899

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CAMEROON (cont.)			
Category VIII (cont.)	Aircraft and Associated Equipment		
	(i) Technical data	7	12,371
	<i>Category VIII Value Total</i>	1,120	13,035,270
Category XIII	Auxiliary Military Equipment		
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	30	3,300
	<i>Category XIII Value Total</i>	30	3,300
Category XXI	Miscellaneous Articles		
	(b) Technical data	1	100,000
	<i>Category XXI Value Total</i>	1	100,000
	CAMEROON Country Total Authorized	1,151	13,138,570
	CAMEROON Country Total Shipments		59,000
CANADA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,945,706	92,059,933
	*(b) Fully automatic firearms	78	53,473
	*(c) Firearms and other weapons	62	19,835
	*(d) Combat shotguns	536,805	924,620
	(f) Riflescopes	443	394,685
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	16,026	2,588,510
	(h) Components, parts and associated equipment	1,430,334	23,057,240
	(i) Technical data	94	37,266
	<i>Category I Value Total</i>	3,929,548	119,135,562
Category II	Guns and Armament		
	*(a) Guns over caliber .50	42	23,906
	(c) Devices for launching or delivering ordnance	480	3,098
	(g) Tooling and equipment	680	1,190,862
	(h) Test and evaluation equipment	2	2,090
	(j) Components, parts and associated equipment	9,942	4,630,157
	(k) Technical data	253	4,200
	<i>Category II Value Total</i>	11,399	5,854,313
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	362,577,521	70,985,904
	(c) Equipment and tooling	3	685
	*(d)(1) Guidance and control components	7,955,978	1,311,278
	*(d)(2) Safing, arming, and fuzing components	85,707	1,584,566
	(d)(3) All other components, part, and associated equipment	205,033,955	20,768,527
	(e) Technical data	88	21,091
	<i>Category III Value Total</i>	575,653,252	94,672,051

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CANADA (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	3,582	280,051
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	4	253,734
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	6	932
	(h) Components, parts and associated equipment	22,756	6,099,175
	(i) Technical data	2,567	546,882
	<i>Category IV Value Total</i>	<i>28,915</i>	<i>7,180,774</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	301,922	5,556,614
	*(b) Propellants	246,606	3,653,388
	(c) Pyrotechnics, fuels, and related substances	54,300	1,534,941
	(d) Oxidizers	13,600	299,200
	*(e) Binders	13,123	1,028,170
	(f) Additives	185	119,300
	(h) Technical data	3	225,100
	<i>Category V Value Total</i>	<i>629,739</i>	<i>12,416,713</i>
Category VI	Vessels of War and Special Naval Equipment		
	*(c) Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	1	104,000
	(f) Components, parts and associated equipment	1,391	228,151
	(g) Technical data	33	298,594
	<i>Category VI Value Total</i>	<i>1,425</i>	<i>630,745</i>
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	1	100
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	12	354,972
	(g) Components, parts and associated equipment	23,487	169,918,378
	(h) Technical data	5,009	105,868,450
	<i>Category VII Value Total</i>	<i>28,509</i>	<i>276,141,900</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CANADA (cont.)			
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	3	23,674,108
	*(e) Inertial navigation systems, aided or hybrid navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	1,038	26,110,959
	(f) Developmental aircraft, engines, and components	2	7,500
	(h) Components, parts and associated equipment	32,078	188,880,486
	(i) Technical data	6,590	3,226,855
	<i>Category VIII Value Total</i>	<i>39,711</i>	<i>241,899,908</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	10	4,245,470
	(b) Simulation devices for the items covered by this subchapter	16	520,680
	(d) Components, parts and associated equipment	1,957	158,243
	(e) Technical data	2,016	682,600
	<i>Category IX Value Total</i>	<i>3,999</i>	<i>5,606,993</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	5	896
	(e) Technical data	2,055	276,300
	<i>Category X Value Total</i>	<i>2,060</i>	<i>277,196</i>
Category XI	Military Electronics		
	*(a)(3)(iii) Tracking radar	19	212,044
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	21	663,762
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	37	226,590
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	5	7,310
	(c) Components, parts and associated equipment	933,045	66,055,688
	(d) Technical data	2,334	1,527,002
	<i>Category XI Value Total</i>	<i>935,461</i>	<i>68,692,396</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights; bombing computers, military TV sighting and viewing units; periscopes	37	89,628,668
	*(b) Lasers	394	9,893,952

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CANADA (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	940	30,308,680
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	199	8,739,897
	(e) Components, parts and associated equipment	10,921	27,158,263
	(f) Technical data	112	1,150,208
	<i>Category XII Value Total</i>	<i>12,603</i>	<i>166,879,668</i>
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	68	5,425,388
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	1,238	167,931
	(c) Self-contained diving and underwater breathing apparatus	1	1,000,000
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter, which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	6,861	9,213
	(f) Structural materials	1	1
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	1,004	5,025,043
	(i) Technical data	3	100,101
	<i>Category XIII Value Total</i>	<i>9,176</i>	<i>11,727,677</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	74,753	1,635,298
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	253,875	5,021,640
	(m) Technical data	86	206,861
	<i>Category XIV Value Total</i>	<i>328,714</i>	<i>6,863,799</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CANADA (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	*(a) Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	2	192,731,200
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	116	2,663,000
	(d) Radiation-hardened microelectronics	50	18,025
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	2,158	5,697,611
	(f) Technical data	3,344	7,933,971
	<i>Category XV Value Total</i>	<i>5,670</i>	<i>209,043,807</i>
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	(e) Technical data	2	50,100
	<i>Category XVI Value Total</i>	<i>2</i>	<i>50,100</i>
Category XVII	Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated		
	(a) All articles, technical data, and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML	10	11,600
	<i>Category XVII Value Total</i>	<i>10</i>	<i>11,600</i>
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	*(b) Swimmer delivery vehicles	12	684,854
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	33	274,070
	(d) Technical data	2	30,100
	<i>Category XX Value Total</i>	<i>47</i>	<i>989,024</i>
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	1	35,000
	<i>Category XXI Value Total</i>	<i>1</i>	<i>35,000</i>
	CANADA Country Total Authorized	581,620,276	1,228,109,800
	CANADA Country Total Shipments		2,532,552,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CAPE VERDE, REPUBLIC OF			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	1	383
	<i>Category I Value Total</i>	1	383
	CAPE VERDE, REPUBLIC OF Country Total		
	Authorized	1	383
	CAPE VERDE, REPUBLIC OF Country Total Shipments		20,000
 CAYMAN ISLANDS			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	9	5,305
	<i>Category I Value Total</i>	9	5,305
Category III	Ammunition/Ordnance		
	* (a)		
	Ammunition/ordnance for Categories I&II articles	87,800	22,261
	<i>Category III Value Total</i>	87,800	22,261
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	6	3,963
	<i>Category XIV Value Total</i>	6	3,963
	CAYMAN ISLANDS Country Total Authorized	87,815	31,529
	CAYMAN ISLANDS Country Total Shipments		71,000
 CHAD			
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	2	100
	<i>Category VIII Value Total</i>	2	100

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CHAD (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights; bombing computers, military TV sighting and viewing units; periscopes	50	48,700
	<i>Category XII Value Total</i>	50	48,700
	CHAD Country Total Authorized	52	48,800
	CHAD Country Total Shipments		-
CHILE			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,039	375,971
	*(b) Fully automatic firearms	2	3,582
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	28	6,512
	(h) Components, parts and associated equipment	568	37,963
	(i) Technical data	2	2
	<i>Category I Value Total</i>	1,639	424,030
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	7,466,460	821,336
	(b) Ammunition/ordnance handling equipment	700	1,684
	*(d)(2) Safing, arming, and fuzing components	350	18,025
	(d)(3) All other components, part, and associated equipment	180,000	3,600
	<i>Category III Value Total</i>	7,647,510	844,645
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	7,408	343,232
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	4	5,576
	(h) Components, parts and associated equipment	50	161,431
	(i) Technical data	8	5,082
	<i>Category IV Value Total</i>	7,470	515,321

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CHILE (cont.)			
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	69	19,977
	<i>Category V Value Total</i>	69	19,977
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	1	32,000,000
	(f) Components, parts and associated equipment	500	10,325
	(g) Technical data	13	240
	<i>Category VI Value Total</i>	514	32,010,565
Category VII	Tanks and Military Vehicles		
	*(d) Military recovery vehicles	24	1,396,800
	(g) Components, parts and associated equipment	495	301,257
	(h) Technical data	3	282,000
	<i>Category VII Value Total</i>	522	1,980,057
Category VIII	Aircraft and Associated Equipment		
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel airborne equipment	62	284,170
	*(e) Inertial navigation systems, aided or hybrid navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	9	476,788
	(h) Components, parts and associated equipment	27,794	70,491,273
	(i) Technical data	39	21,270
	<i>Category VIII Value Total</i>	27,904	71,273,501
Category IX	Military Training Equipment and Training		
	(a) Training equipment	6	59,400
	(b) Simulation devices for the items covered by this subchapter	16	145,435
	(d) Components, parts and associated equipment	1	11,812
	(e) Technical data	32	630
	<i>Category IX Value Total</i>	55	217,277
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	292	181,759
	(d) Components, parts and associated equipment	431	66,682
	<i>Category X Value Total</i>	723	248,441
Category XI	Military Electronics		
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	75	60,000
	*(a)(3)(ii) Acquisition radar	19	2,741,850
	*(a)(4) Electronic combat equipment	2,551	95,809

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CHILE (cont.)			
Category XI (cont.)	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	25	1,084,963
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	1	75,000
	(c) Components, parts and associated equipment	2,222	4,112,946
	(d) Technical data	535	193,794
	<i>Category XI Value Total</i>	5,428	8,364,362
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights; bombing computers, military TV sighting and viewing units; periscopes	14	20,780
	*(b) Lasers	60	50,400
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	423	3,314,444
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	27	614,487
	(e) Components, parts and associated equipment	425	666,205
	(f) Technical data	39	130,162
	<i>Category XII Value Total</i>	988	4,796,478
Category XIII	Auxiliary Military Equipment		
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled in this subchapter	12	56,888
	(g) Concealment and deception equipment	5	2,890
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	7	17,699
	<i>Category XIII Value Total</i>	24	77,477
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	14,540	350,070

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CHILE (cont.)			
Category XIV (cont.)	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	29,184	685,232
	<i>Category XIV Value Total</i>	43,724	1,035,302
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	2	60,700
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	6	775,472
	<i>Category XV Value Total</i>	8	836,172
	CHILE Country Total Authorized	7,736,578	122,643,605
	CHILE Country Total Shipments		24,321,000
COLOMBIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	325	1,869,129
	* (b) Fully automatic firearms	21	1,034,837
	(f) Riflescopes	69	44,715
	* (g) Barrels, cylinders, receivers, and complete breech mechanisms	168	496,215
	(h) Components, parts and associated equipment	12,690	2,022,917
	<i>Category I Value Total</i>	13,273	5,467,813
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II articles	2,798,785	2,978,329
	* (d)(1) Guidance and control components	2,000	48,840
	<i>Category III Value Total</i>	2,800,785	3,027,169
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	28,408	1,500,380
	* (b) Launch vehicles and missile and anti-missile systems	10	299,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
COLOMBIA (cont.)			
Category IV (cont.)	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	30	1,498,800
	(h) Components, parts and associated equipment	18,613	503,981
	(i) Technical data	40	8,000
	<i>Category IV Value Total</i>	<i>47,101</i>	<i>3,810,161</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(b) Propellants	8,225	2,095,463
	(c) Pyrotechnics, fuels, and related substances	268	487,656
	(d) Oxidizers	75,000	237,750
	*(e) Binders	117,028	370,979
	(h) Technical data	3	250
	<i>Category V Value Total</i>	<i>200,524</i>	<i>3,192,098</i>
Category VI	Vessels of War and Special Naval Equipment		
	*(a) Warships, amphibious warfare vessels, landing craft, mine warfare vessels, and patrol vessels	1	124,000
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	1	32,000,000
	(f) Components, parts and associated equipment	2	100
	<i>Category VI Value Total</i>	<i>4</i>	<i>32,124,100</i>
Category VII	Tanks and Military Vehicles		
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	28	680,512
	(g) Components, parts and associated equipment	59	2,727,511
	(h) Technical data	1	2,000
	<i>Category VII Value Total</i>	<i>88</i>	<i>3,410,023</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	12	51,756,846
	*(b) Military aircraft engines	2	650,000
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel airborne equipment	11	12,905
	*(e) Inertial navigation systems, aided or hybrid navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	10	855,828
	(h) Components, parts and associated equipment	15,391	113,758,661

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
COLOMBIA (cont.)			
Category VIII (cont.)	Aircraft and Associated Equipment		
	(i) Technical data	557	5,816
	<i>Category VIII Value Total</i>	15,983	167,040,056
Category IX	Military Training Equipment and Training		
	(d) Components, parts and associated equipment	3	20,246
	(e) Technical data	5	454,808
	<i>Category IX Value Total</i>	8	474,854
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	130	91,843
	(d) Components, parts and associated equipment	385	530,160
	<i>Category X Value Total</i>	515	622,003
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	48	1,540,565
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	2	23,508
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	484	6,712,723
	(c) Components, parts and associated equipment	2,990	17,945,327
	(d) Technical data	256	312,977
	<i>Category XI Value Total</i>	3,780	26,535,100
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights; bombing computers, military TV sighting and viewing units; periscopes	21	458,327
	*(b) Lasers	1,608	2,280,400
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	5,799	35,366,727
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	46	383,882
	(e) Components, parts and associated equipment	10,062	1,826,984

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
COLOMBIA (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(f) Technical data	5	1,000
	<i>Category XII Value Total</i>	17,541	40,317,320
Category XIII	Military Auxiliary Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	26	245,700
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	26	211,450
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter, which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	10	443,264
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled in this subchapter	32	2,197,756
	(g) Concealment and deception equipment	13,143	351,999
	(i) Technical data	1	28,900
	<i>Category XIII Value Total</i>	13,238	3,479,069
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	186,983	4,006,756
	<i>Category XIV Value Total</i>	186,983	4,006,756
	COLOMBIA Country Total Authorized	3,299,832	293,506,702
	COLOMBIA Country Total Shipments		162,084,000
CONGO			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	(i) Technical data	2	1,100
	<i>Category I Value Total</i>	2	1,100
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	800	6,000
	<i>Category XIV Value Total</i>	800	6,000
	CONGO Country Total Authorized	802	7,100
	CONGO Country Total Shipments		138,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
COSTA RICA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	4,566	1,288,365
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	32	3,740
	(h) Components, parts and associated equipment	691	19,027
	<i>Category I Value Total</i>	<i>5,290</i>	<i>1,311,132</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	3,967,880	770,604
	<i>Category III Value Total</i>	<i>3,967,880</i>	<i>770,604</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	2	17,000,000
	<i>Category VI Value Total</i>	<i>2</i>	<i>17,000,000</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	1	907,533
	<i>Category VIII Value Total</i>	<i>1</i>	<i>907,533</i>
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	3,650	5,385,000
	(d) Technical data	1	100
	<i>Category XI Value Total</i>	<i>3,651</i>	<i>5,385,100</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2,274	43,643
	<i>Category XIV Value Total</i>	<i>2,274</i>	<i>43,643</i>
	COSTA RICA Country Total Authorized	3,979,098	25,418,012
	COSTA RICA Country Total Shipments		4,022,000
CROATIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	165	58,772
	(h) Components, parts and associated equipment	100,063	212,015
	<i>Category I Value Total</i>	<i>100,228</i>	<i>270,787</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	300	4,608
	<i>Category IV Value Total</i>	<i>300</i>	<i>4,608</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CROATIA (cont.)			
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	1	100
	<i>Category VI Value Total</i>	<i>1</i>	<i>100</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	12	12,306
	<i>Category VII Value Total</i>	<i>12</i>	<i>12,306</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	54	198,349
	(i) Technical data	4	400
	<i>Category VIII Value Total</i>	<i>58</i>	<i>198,749</i>
Category IX	Military Training Equipment and Training		
	(d) Components, parts and associated equipment	8,069	110,927
	<i>Category IX Value Total</i>	<i>8,069</i>	<i>110,927</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	61	67,011
	<i>Category X Value Total</i>	<i>61</i>	<i>67,011</i>
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	555	1,189,500
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	3	24,510
	(c) Components, parts and associated equipment	829	396,923
	(d) Technical data	289	168,500
	<i>Category XI Value Total</i>	<i>1,676</i>	<i>1,779,433</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	21	8,652
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	4	67,936
	(e) Components, parts and associated equipment	64	62,252
	(f) Technical data	4	40
	<i>Category XII Value Total</i>	<i>93</i>	<i>138,880</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CROATIA (cont.)			
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	750	17,205
	<i>Category XIV Value Total</i>	750	17,205
Category XV	Spacecraft Systems and Associated Equipment		
	(f) Technical data	10	700,000
	<i>Category XV Value Total</i>	10	700,000
	CROATIA Country Total Authorized	111,258	3,300,006
	CROATIA Country Total Shipments		1,864,000
CYPRUS			
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	1	5,000
	<i>Category VIII Value Total</i>	1	5,000
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	13,669
	<i>Category XII Value Total</i>	1	13,669
	CYPRUS Country Total Authorized	2	18,669
	CYPRUS Country Total Shipments		19,088,000
CZECH REPUBLIC			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	3,804	1,643,631
	*(b) Fully automatic firearms	80	112,720
	(f) Riflescopes	177	82,834
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	414	81,211
	(h) Components, parts and associated equipment	6,668	102,916
	<i>Category I Value Total</i>	11,143	2,023,312
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	63	12,033
	<i>Category II Value Total</i>	63	12,033

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CZECH REPUBLIC (cont.)			
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	4,505,400	410,215
	(b) Ammunition handling equipment	200,000	80,000
	*(d)(2) Safing, arming, and fuzing components	34,750	252,633
	(d)(3) All other components, part, and associated equipment	6,727,500	622,550
	(e) Technical data	41	300
	<i>Category III Value Total</i>	<i>11,467,691</i>	<i>1,365,698</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	2,000	3,480
	<i>Category V Value Total</i>	<i>2,000</i>	<i>3,480</i>
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	1	10,000
	(g) Components, parts and associated equipment	338	112,735
	(h) Technical data	108	1,000,008
	<i>Category VII Value Total</i>	<i>447</i>	<i>1,122,743</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	1	256,539
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	3	60,375
	(h) Components, parts and associated equipment	3,993	729,124
	<i>Category VIII Value Total</i>	<i>3,997</i>	<i>1,046,038</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective Personnel Equipment	1	65
	<i>Category X Value Total</i>	<i>1</i>	<i>65</i>
Category XI	Military Electronics		
	*(a)(4) Electronic combat equipment	1	26,955
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	16	712,983
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	1	12,766
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	73	962,295

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CZECH REPUBLIC			
(cont.)			
Category XI (cont.)	Military Electronics		
	(c) Components, parts and associated equipment	288	892,450
	(d) Technical data	298	168,105
	<i>Category XI Value Total</i>	677	2,775,554
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range , position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	1	1
	*(b) Lasers	5	2,185
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	623	275,560
	*(d) Inertial platforms and sensors for weapons or weapons systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	6	216,184
	(e) Components, parts and associated equipment	620	102,811
	(f) Technical data	6	6
	<i>Category XII Value Total</i>	1,261	596,747
Category XIII	Auxiliary Military Equipment		
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	160	9,270
	<i>Category XIII Value Total</i>	160	9,270
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,513	1,743,321
	(m) Technical data	1	5
	<i>Category XIV Value Total</i>	1,514	1,743,326

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
CZECH REPUBLIC (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	25	8,775
	<i>Category XV Value Total</i>	25	8,775
	CZECH REPUBLIC Country Total Authorized	11,488,979	10,707,041
	CZECH REPUBLIC Country Total Shipments		7,267,000
DENMARK			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	2,722	2,230,527
	*(e) Silencers, mufflers, sound and flash suppressors	10	5,830
	(f) Riflescopes	7	8,050
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	196	25,490
	(h) Components, parts and associated equipment	22,367	1,133,509
	(i) Technical data	30	226
	<i>Category I Value Total</i>	25,332	3,403,632
Category II	Guns and Armament		
	*(a) Guns over caliber .50	7	2,094,319
	(g) Tooling and equipment	18	16,128
	(h) Test and evaluation equipment	3	1,566
	(j) Components, parts and associated equipment	46	31,466
	(k) Technical data	1	100
	<i>Category II Value Total</i>	75	2,143,579
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	14,252,200	1,369,602
	(b) Ammunition/ordnance handling equipment	1,410,000	338,400
	(d)(3) All other components, parts, and associated equipment	4,827,300	279,101
	(e) Technical data	2	60
	<i>Category III Value Total</i>	20,489,502	1,987,163
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	18	131,400

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
DENMARK (cont.)			
Category IV (cont.)	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(b) Launch vehicles and missile and anti-missile systems	12	45,000,000
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	9	570,000
	(h) Components, parts and associated equipment	8,108	16,740,102
	(i) Technical data	11	1,340
	<i>Category IV Value Total</i>	<i>8,158</i>	<i>62,443,142</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	47	10,401
	<i>Category VI Value Total</i>	<i>47</i>	<i>10,401</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	6,922	2,259,762
	(h) Technical data	137	529,018
	<i>Category VII Value Total</i>	<i>7,059</i>	<i>2,788,780</i>
Category VIII	Aircraft and Associated Equipment		
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	6	10,980
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	12	799,314
	(h) Components, parts and associated equipment	87,629	38,771,696
	(i) Technical data	183	7,076
	<i>Category VIII Value Total</i>	<i>87,830</i>	<i>39,589,066</i>
Category IX	Military Training Equipment and Training		
	(d) Components, parts and associated equipment	4	11,500
	<i>Category IX Value Total</i>	<i>4</i>	<i>11,500</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1,275	615,029
	(d) Components, parts and associated equipment	35	3,613
	<i>Category X Value Total</i>	<i>1,310</i>	<i>618,642</i>
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	38	2,107,466
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	6	150,000
	(c) Components, parts and associated equipment	29,064	11,197,108
	(d) Technical data	1,111	38,845
	<i>Category XI Value Total</i>	<i>30,219</i>	<i>13,493,419</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
DENMARK (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range , position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	5	643,485
	*(b) Lasers	26	42,308
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	60	612,465
	*(d) Inertial platforms and sensors for weapons or weapons systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	235	3,863,450
	(e) Components, parts and associated equipment	5,776	1,346,872
	(f) Technical data	13	2,851
	<i>Category XII Value Total</i>	<i>6,115</i>	<i>6,511,431</i>
Category XIII	Auxiliary Military Equipment		
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	196	6,112
	*(j) Hardware and equipment that is associated with the measurement or modification of system signatures for detection of defense articles	660	1,220,080
	<i>Category XIII Value Total</i>	<i>856</i>	<i>1,226,192</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	1,500	43,350
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	18,000	352,080
	(m) Technical data	1	10
	<i>Category XIV Value Total</i>	<i>19,501</i>	<i>395,440</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
DENMARK (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	20	1,400,000
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	10	24,200
	(f) Technical data	1	100
	<i>Category XV Value Total</i>	31	1,424,300
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	*(c) Nuclear radiation detection and measurement devices	118	120,728
	(d) Components, parts, and associated equipment specifically designed or modified for the articles in this category	70	1,820
	<i>Category XVI Value Total</i>	188	122,548
	DENMARK Country Total Authorized	20,676,227	136,169,235
	DENMARK Country Total Shipments		106,537,000
DJIBOUTI			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1	6,300
	<i>Category XII Value Total</i>	1	6,300
	DJIBOUTI Country Total Authorized	1	6,300
	DJIBOUTI Country Total Shipments		138,000
DOMINICA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	38	10,676
	<i>Category I Value Total</i>	38	10,676

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
DOMINICA (cont.)			
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	10,000	2,990
	<i>Category III Value Total</i>	<i>10,000</i>	<i>2,990</i>
	DOMINICA Country Total Authorized	10,038	13,666
	DOMINICA Country Total Shipments		7,000
DOMINICAN REPUBLIC			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	230	265,905
	(h) Components, parts and associated equipment	800	17,200
	<i>Category I Value Total</i>	<i>1,030</i>	<i>283,105</i>
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	2,552,400	2,072,404
	<i>Category III Value Total</i>	<i>2,552,400</i>	<i>2,072,404</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	1	8,000,000
	<i>Category VI Value Total</i>	<i>1</i>	<i>8,000,000</i>
Category VII	Tanks and Military Vehicles		
	(h) Technical data	1	65,000
	<i>Category VII Value Total</i>	<i>1</i>	<i>65,000</i>
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	1	100
	<i>Category VIII Value Total</i>	<i>1</i>	<i>100</i>
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	37	72,705
	<i>Category XI Value Total</i>	<i>37</i>	<i>72,705</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	91,066	865,815
	<i>Category XIV Value Total</i>	<i>91,066</i>	<i>865,815</i>
	DOMINICAN REPUBLIC Country Total Authorized	2,644,536	11,359,129
	DOMINICAN REPUBLIC Country Total Shipments		3,387,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
EAST TIMOR			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	54	59,400
	<i>Category I Value Total</i>	54	59,400
Category II	Guns and Armament		
	*(a) Guns over caliber .50	54	81,000
	<i>Category II Value Total</i>	54	81,000
	<i>EAST TIMOR Country Total Authorized</i>	108	140,400
	<i>EAST TIMOR Country Total Shipments</i>		236,000
ECUADOR			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,470	1,777,230
	<i>Category I Value Total</i>	1,470	1,777,230
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	91,700	113,220
	<i>Category III Value Total</i>	91,700	113,220
Category VI	Vessels of War and Special Naval Equipment		
	(b)		
	Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	4	388,572
	(f) Components, parts and associated equipment	54	18,775
	<i>Category VI Value Total</i>	58	407,347
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	9	117,050
	(h) Components, parts and associated equipment	865	28,016,731
	(i) Technical data	49	10,100
	<i>Category VIII Value Total</i>	923	28,143,881
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	12	17,694
	<i>Category X Value Total</i>	12	17,694
Category XI	Military Electronics		
	*(a)(4) Electronic combat equipment	12,000	560,000
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	118	1,630,674
	*(b)		
	Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	1	100
	(c) Components, parts and associated equipment	6,157	3,511,855

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ECUADOR (cont.)			
Category XI (cont.)	Military Electronics		
	(d) Technical data	11	74,571
	<i>Category XI Value Total</i>	18,287	5,777,200
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	17	1,467,900
	(e) Components, parts and associated equipment	24	4,561
	<i>Category XII Value Total</i>	41	1,472,461
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	40	720,000
	<i>Category XIII Value Total</i>	40	720,000
	ECUADOR Country Total Authorized	112,531	38,429,033
	ECUADOR Country Total Shipments		38,284,000
EGYPT			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	155	132,944
	*(b) Fully automatic firearms	2	1,674
	<i>Category I Value Total</i>	157	134,618
Category II	Guns and Armament		
	(k) Technical data	1	100
	<i>Category II Value Total</i>	1	100
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	50,338	331,740
	(b) Ammunition/ordnance handling equipment	20,000	16,000
	(e) Technical data	5	364,175
	<i>Category III Value Total</i>	70,343	711,915
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	252	8,400
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	61,200	1,459,008
	(h) Components, parts and associated equipment	523	2,065,761

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
EGYPT (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(i) Technical data	11	300
	<i>Category IV Value Total</i>	61,986	3,533,469
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	1	32,000,000
	(f) Components, parts and associated equipment	2	70,000
	(g) Technical data	10	15,000
	<i>Category VI Value Total</i>	13	32,085,000
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	13,650	1,501,833
	(h) Technical data	12	277,544
	<i>Category VII Value Total</i>	13,662	1,779,377
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	8	242,456
	(h) Components, parts and associated equipment	1,189	27,520,919
	(i) Technical data	8	5,250
	<i>Category VIII Value Total</i>	1,205	27,768,625
Category IX	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	2	100
	(d) Components, parts and associated equipment	691	135,814
	(e) Technical data	1	50
	<i>Category IX Value Total</i>	694	135,964
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	12	2,412
	<i>Category X Value Total</i>	12	2,412
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	26	1,227,542
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	35	695,196
	(c) Components, parts and associated equipment	1,338	8,687,299
	(d) Technical data	450	209,658
	<i>Category XI Value Total</i>	1,849	10,819,695
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	40	68,920

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
EGYPT (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	3	27,100
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	8	753,490
	(e) Components, parts and associated equipment	800	1,312,225
	(f) Technical data	11	3,631
	<i>Category XII Value Total</i>	862	2,165,366
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	102,370	1,893,927
	<i>Category XIV Value Total</i>	102,370	1,893,927
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning Systems (GPS) receiving equipment	14	200,942
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	6	540,000
	<i>Category XV Value Total</i>	20	740,942
	EGYPT Country Total Authorized	253,174	81,771,410
	EGYPT Country Total Shipments		121,485,000

EL SALVADOR

Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,626	368,223
	(h) Components, parts and associated equipment	1,000	24,182
	<i>Category I Value Total</i>	2,626	392,405
Category II	Guns and Armament		
	(k) Technical data	1	100
	<i>Category II Value Total</i>	1	100

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
EL SALVADOR (cont.)			
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	4,829,000	1,667,610
	(b) Ammunition/ordnance handling equipment	1,650,000	98,000
	*(d)(1) Guidance and control components	900,000	18,000
	(d)(3) All other components, parts, and associated equipment	1,772,000	177,650
	<i>Category III Value Total</i>	<i>9,151,000</i>	<i>1,961,260</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(i) Technical data	2	8,500
	<i>Category IV Value Total</i>	<i>2</i>	<i>8,500</i>
Category VII	Tanks and Military Vehicles		
	(h) Technical data	6	1,500
	<i>Category VII Value Total</i>	<i>6</i>	<i>1,500</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	183	235,099
	(i) Technical data	5	43,500
	<i>Category VIII Value Total</i>	<i>188</i>	<i>278,599</i>
Category XI	Military Electronics		
	(d) Technical data	16	16
	<i>Category XI Value Total</i>	<i>16</i>	<i>16</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(f) Technical data	1	1,000
	<i>Category XII Value Total</i>	<i>1</i>	<i>1,000</i>
Category XIII	Auxiliary Military Equipment		
	(d)		
	Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	10	32,385
	<i>Category XIII Value Total</i>	<i>10</i>	<i>32,385</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	18	810
	*(f) Components, parts, and associated equipment designed or modified for military operations and compatibility with military equipment	20,000	320,000
	<i>Category XIV Value Total</i>	<i>20,018</i>	<i>320,810</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(f) Technical data	1	1,000
	<i>Category XV Value Total</i>	<i>1</i>	<i>1,000</i>
	EL SALVADOR Country Total Authorized	9,173,869	2,997,575
	EL SALVADOR Country Total Shipments		6,435,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
EQUATORIAL GUINEA			
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	1	1,000
	<i>Category VIII Value Total</i>	1	1,000
	<i>EQUATORIAL GUINEA Country Total</i>		
	<i>Authorized</i>	1	1,000
	<i>EQUATORIAL GUINEA Country Total</i>		
	<i>Shipments</i>		-
ESTONIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	56	24,815
	(h) Components, parts and associated equipment	42	1,772
	<i>Category I Value Total</i>	98	26,587
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	22,550	12,430
	(d)(3) All other components, parts, and associated equipment	10,000	300
	<i>Category III Value Total</i>	32,550	12,730
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	2	5,100
	<i>Category VIII Value Total</i>	2	5,100
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	22	385,632
	*(b)		
	Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	78	1,329,237
	(c) Components, parts and associated equipment	207	312,763
	(d) Technical data	693	512,379
	<i>Category XI Value Total</i>	1,000	2,540,011
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	1	599
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	5,022	153,439

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ESTONIA (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	8	88,970
	(e) Components, parts and associated equipment	7	19,001
	(f) Technical data	1	300
	<i>Category XII Value Total</i>	5,039	262,309
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	207	3,411,282
	<i>Category XIII Value Total</i>	207	3,411,282
	ESTONIA Country Total Authorized	38,896	6,258,019
	ESTONIA Country Total Shipments		287,000
ETHIOPIA			
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	14	3,086,822
	<i>Category VIII Value Total</i>	14	3,086,822
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	8	913,584
	(c) Components, parts and associated equipment	7,524	906,547
	(d) Technical data	10	710
	<i>Category XI Value Total</i>	7,542	1,820,841
	ETHIOPIA Country Total Authorized	7,556	4,907,663
	ETHIOPIA Country Total Shipments		1,817,000
FINLAND			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	5,927	2,161,255
	(f) Riflescopes	169	67,262
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	1,060	248,716
	(h) Components, parts and associated equipment	12,861	379,379
	<i>Category I Value Total</i>	20,017	2,856,612
Category II	Guns and Armament		
	(g) Tooling and equipment	32	71,714
	(h) Test and evaluation equipment	7	47,607
	(j) Components, parts and associated equipment	445	1,727,913
	<i>Category II Value Total</i>	484	1,847,234

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
FINLAND (cont.)			
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	18,815,350	2,990,493
	(b) Ammunition/ordnance handling equipment	4,433,800	1,504,315
	*(d)(1) Guidance and control components	800,000	372,000
	(d)(3) All other components, parts, and associated equipment	14,549,294	1,102,703
	<i>Category III Value Total</i>	<i>38,598,444</i>	<i>5,969,511</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	1,075	60,298
	(h) Components, parts and associated equipment	102	27,121
	(i) Technical data	69	91,900
	<i>Category IV Value Total</i>	<i>1,246</i>	<i>179,319</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	1,253	121,940
	(c) Pyrotechnics, fuels, and related substances	50	2,064
	<i>Category V Value Total</i>	<i>1,303</i>	<i>124,004</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	2,195	411,945
	(h) Technical data	1	100,000
	<i>Category VII Value Total</i>	<i>2,196</i>	<i>511,945</i>
Category VIII	Aircraft and Associated Equipment		
	*(c)		
	Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	1,400	10,290
	(h) Components, parts and associated equipment	35,993	28,475,857
	(i) Technical data	53	5,300
	<i>Category VIII Value Total</i>	<i>37,446</i>	<i>28,491,447</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	5	36,003
	(b) Simulation devices for the items covered by this subchapter	1	12,928
	(d) Components, parts and associated equipment	92	83,901
	(e) Technical data	8	420
	<i>Category IX Value Total</i>	<i>106</i>	<i>133,252</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1	955
	(d) Components, parts and associated equipment	150	1,563
	<i>Category X Value Total</i>	<i>151</i>	<i>2,518</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
FINLAND (cont.)			
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	4	169,920
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	38	2,680,121
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	9	722,320
	(c) Components, parts and associated equipment	104,714	10,313,625
	(d) Technical data	100	49,181
	<i>Category XI Value Total</i>	<i>104,865</i>	<i>13,935,167</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	107	116,418
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	18	31,223
	(e) Components, parts and associated equipment	792	462,586
	(f) Technical data	4	301
	<i>Category XII Value Total</i>	<i>921</i>	<i>574,528</i>
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	740	1,518,821
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	2	2,784
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	52	9,375
	(g) Concealment and deception equipment	75	370,611
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	588	93,874
	(i) Technical data	1	10
	<i>Category XIII Value Total</i>	<i>1,458</i>	<i>1,995,475</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
FINLAND (cont.)			
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2	51,389
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	2,100	39,690
	(i) Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	1	5,000
	<i>Category XIV Value Total</i>	<i>2,103</i>	<i>96,079</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	125	195,500
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	499	33,689
	(f) Technical data	2	120,000
	<i>Category XV Value Total</i>	<i>626</i>	<i>349,189</i>
	FINLAND Country Total Authorized	38,771,366	57,066,280
	FINLAND Country Total Shipments		24,379,000
FRANCE			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	13,156	4,815,600
	*(e) Silencers, mufflers, sound and flash suppressors	18	5,153
	(f) Riflescopes	290	192,588
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	719	95,965
	(h) Components, parts and associated equipment	55,042	880,826
	<i>Category I Value Total</i>	<i>69,225</i>	<i>5,990,132</i>
Category II	Guns and Armament		
	*(a) Guns over caliber .50	1	275,000
	(j) Components, parts and associated equipment	94	56,036
	(k) Technical data	1	1
	<i>Category II Value Total</i>	<i>96</i>	<i>331,037</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
FRANCE (cont.)			
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	31,922,240	6,023,477
	(b) Ammunition/ordnance handling equipment	1,038,150	144,170
	*(d)(1) Guidance and control components	4,061	36,928
	(d)(3) All other components, parts, and associated equipment	16,937,761	1,702,319
	(e) Technical data	3	600
	<i>Category III Value Total</i>	49,902,215	7,907,494
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(b) Launch vehicles and missile and anti-missile systems	69	1,367,671
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	11	23,373
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	9,545	1,390,570
	(h) Components, parts and associated equipment	516,792	17,799,784
	(i) Technical data	43	150,432
	<i>Category IV Value Total</i>	526,460	20,731,830
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	214	20,294
	(c) Pyrotechnics, fuels, and related substances	9,086	400,285
	*(e) Binders	200	149,600
	<i>Category V Value Total</i>	9,500	570,179
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	141,724	1,317,716
	(g) Technical data	30	3,000
	<i>Category VI Value Total</i>	141,764	1,320,716
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	1,203	396,277
	(h) Technical data	45	68,600
	<i>Category VII Value Total</i>	1,248	464,877
Category VIII	Aircraft and Associated Equipment		
	*(b) Military aircraft engines	7	6,167,000
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	290	434,710
	(d) Launching and recovery equipment for the articles in (a)	1,508	5,194,154

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
FRANCE (cont.)			
Category VIII (cont.)	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	37	1,022,612
	(h) Components, parts and associated equipment	351,929	133,574,963
	(i) Technical data	797	2,431,371
	<i>Category VIII Value Total</i>	<i>354,568</i>	<i>148,824,810</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	59	682,745
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	11	19,020
	(d) Components, parts and associated equipment	34	108,900
	(e) Technical data	20	241,988
	<i>Category IX Value Total</i>	<i>124</i>	<i>1,052,653</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1	80
	(b) Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	70	9,100
	(d) Components, parts and associated equipment	111	35,126
	<i>Category X Value Total</i>	<i>182</i>	<i>44,306</i>
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	5,035	8,562,118
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	155	249,550
	*(a)(3)(i) Search radars	1	39,000
	*(a)(3)(ii) Tracking radars	1	1
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	14	442,172
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	5	26,370
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	2	84,575
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	12	182,885
	(c) Components, parts and associated equipment	34,197	29,025,466
	(d) Technical data	1,428	1,801,471
	<i>Category XI Value Total</i>	<i>40,850</i>	<i>40,413,608</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
FRANCE (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	263	1,389,517
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	10,752	3,580,184
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1,011	13,454,194
	(e) Components, parts and associated equipment	4,479	9,618,636
	(f) Technical data	711	18,543
	<i>Category XII Value Total</i>	<i>17,216</i>	<i>28,061,074</i>
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	2	104,200
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	9	1,062,863
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	1	6,600
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	439	245,035
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	17,068	661,500
	<i>Category XIII Value Total</i>	<i>17,519</i>	<i>2,080,198</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2,900	476,567
	(m) Technical data	1	100
	<i>Category XIV Value Total</i>	<i>2,901</i>	<i>476,667</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
FRANCE (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground controls stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	13	703,000
	(d) Radiation-hardened microelectronics	6,531	1,502,922
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	36,550	135,008,369
	(f) Technical data	212	1,326,666
	<i>Category XV Value Total</i>	43,306	138,540,957
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	*(b) Any article, etc. specifically designed for use in the devising, carrying out, or evaluating of nuclear weapons tests or any other nuclear explosions (including for modeling or simulating the employment of nuclear weapons)	2	96,000
	(d) Components, parts, and associated equipment specifically designed or modified for the articles in this category	2	9,400
	<i>Category XVI Value Total</i>	4	105,400
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	*(b) Swimmer delivery vehicles	2	114,142
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	3	20,786
	(d) Technical data	2	4,688
	<i>Category XX Value Total</i>	7	139,616
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	55	570,500
	(b) Technical data	5	906,006
	<i>Category XXI Value Total</i>	59	1,476,506
	FRANCE Country Total Authorized	51,127,244	398,532,060
	FRANCE Country Total Shipments		208,511,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
FRENCH GUIANA			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	67	6,652
	(h) Components, parts and associated equipment	40	2,890
	<i>Category IV Value Total</i>	107	9,542
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(d) Oxidizers	500	26,000
	<i>Category V Value Total</i>	500	26,000
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	38	102,600
	<i>Category XI Value Total</i>	38	102,600
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	29	9,697
	(f) Technical data	2	1
	<i>Category XV Value Total</i>	31	9,698
	<i>FRENCH GUIANA Country Total Authorized</i>	676	147,840
	<i>FRENCH GUIANA Country Total Shipments</i>		265,806,000
FRENCH POLYNESIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	11	10,969
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	1	286
	<i>Category I Value Total</i>	12	11,255
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	1	2,987
	<i>Category XI Value Total</i>	1	2,987
	<i>FRENCH POLYNESIA Country Total Authorized</i>	13	14,242
	<i>FRENCH POLYNESIA Country Total Shipments</i>		43,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GABON			
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	500	916,000
	<i>Category V Value Total</i>	<i>500</i>	<i>916,000</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	2	2,000,000
	Category VIII Value Total	2	2,000,000
	GABON Country Total Authorized	502	2,916,000
	GABON Country Total Shipments		16,000
GEORGIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	256,907	20,158,285
	*(b) Fully automatic firearms	20	1,053,785
	(f) Riflescopes	155	139,968
	(h) Components, parts and associated equipment	100,270	1,920,507
	(i) Technical data	1	16,825
	<i>Category I Value Total</i>	<i>357,353</i>	<i>23,289,370</i>
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	36,455,150	16,765,800
	<i>Category III Value Total</i>	<i>36,455,150</i>	<i>16,765,800</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	40	320,000
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	3	613,423
	(h) Components, parts and associated equipment	10	44,000
	(i) Technical data	68	121,200
	<i>Category IV Value Total</i>	<i>121</i>	<i>1,098,623</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	1,000	152,955
	<i>Category V Value Total</i>	<i>1,000</i>	<i>152,955</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	717	872,909
	<i>Category VII Value Total</i>	<i>717</i>	<i>872,909</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GEORGIA (cont.)			
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	6	8,400,000
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	7	98,301
	(h) Components, parts and associated equipment	60	88,192
	(i) Technical data	11	55,000
	<i>Category VIII Value Total</i>	84	8,641,493
Category IX	Military Training Equipment and Training		
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1	15,000
	<i>Category IX Value Total</i>	1	15,000
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1,085	768,160
	<i>Category X Value Total</i>	1,085	768,160
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	1,178	17,191,172
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	6	95,544
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	41	782,526
	(c) Components, parts and associated equipment	782	4,422,976
	<i>Category XI Value Total</i>	2,007	22,512,218
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	144	7,570,800
	(e) Components, parts and associated equipment	244	254,315
	(f) Technical data	1	100
	<i>Category XII Value Total</i>	389	7,825,215
Category XIII	Auxiliary Military Equipment		
	(g) Concealment and deception equipment	4,002	259,222

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GEORGIA (cont.)			
Category XIII (cont.)	Auxiliary Military Equipment		
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	30	3,300
	<i>Category XIII Value Total</i>	4,032	262,522
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment designed or modified for military operations and compatibility with military equipment	171	162,248
	(m) Technical data	2	200
	<i>Category XIV Value Total</i>	173	162,448
	GEORGIA Country Total Authorized	36,822,112	82,366,713
	GEORGIA Country Total Shipments		78,736,000
GERMANY			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	14,175	5,293,760
	*(b) Fully automatic firearms	1	1,113
	(f) Riflescopes	53	31,928
	*(g) Barrels, cylinders, receivers, and complete breech mechanism	5,827	1,074,328
	(h) Components, parts and associated equipment	593,844	7,015,507
	(i) Technical data	2,008	2,900
	<i>Category I Value Total</i>	615,908	13,419,536
Category II	Guns and Armament		
	*(a) Guns over caliber .50	28	2,005,018
	(g) Tooling and equipment	66	43,725
	(h) Test and evaluation equipment	100	235,000
	(j) Components, parts and associated equipment	60,736	2,721,900
	<i>Category II Value Total</i>	60,930	5,005,643
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	173,271,350	14,807,883
	(b) Ammunition/ordnance handling equipment	1,497,001	302,616
	(c) Equipment and tooling	1	95
	*(d)(1) Guidance and control components	60,650	36,125
	*(d)(2) Safing, arming, and fuzing components	5,000	22,500
	(d)(3) All other components, parts, and associated equipment	130,162,937	7,760,381
	(e) Technical data	6	510
	<i>Category III Value Total</i>	304,996,945	22,930,110

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GERMANY (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	97	8,754,861
	*(b) Launch vehicles and missile and anti-missile systems	100	82,000,000
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	699	3,656,798
	*(e) Military explosive excavating devices	42	6,300
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	4,152	9,564,785
	*(g) Non-nuclear warheads for rockets and guided missiles	1	200,000
	(h) Components, parts and associated equipment	87,034	58,832,862
	(i) Technical data	39	68,111
	<i>Category IV Value Total</i>	92,164	163,083,717
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	55,448	992,014
	*(b) Propellants	10,831	140,734
	(c) Pyrotechnics, fuels, and related substances	176,500	785,640
	(d) Oxidizers	41	988
	*(e) Binders	2,100	21,725
	(f) Additives	15	2,115
	(h) Technical data	6	105
	<i>Category V Value Total</i>	244,941	1,943,321
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	291	2,152,685
	(g) Technical data	64	13,220
	<i>Category VI Value Total</i>	355	2,165,905
Category VII	Tanks and Military Vehicles		
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	1	10,000,000
	(g) Components, parts and associated equipment	4,432	19,825,733
	(h) Technical data	1,770	1,696,614
	<i>Category VII Value Total</i>	6,203	31,522,347
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	8	60,228,562
	*(b) Military aircraft engines	5	26,264,382

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GERMANY (cont.)			
Category VIII (cont.)	Aircraft and Associated Equipment		
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	525	308,070
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	96	1,090,556
	(h) Components, parts and associated equipment	628,921	453,142,456
	(i) Technical data	837	408,890
	<i>Category VIII Value Total</i>	630,392	541,442,916
Category IX	Military Training Equipment and Training		
	(a) Training equipment	6,650	203,686,965
	(b) Simulation devices for the items covered by this subchapter	75	77,703,278
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	22	37,912
	(d) Components, parts and associated equipment	2,738	29,386,558
	(e) Technical data	249	1,025,479
	<i>Category IX Value Total</i>	9,734	311,840,192
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	4,223	1,241,695
	(d) Components, parts and associated equipment	15,839	598,940
	(e) Technical data	3	2,200
	<i>Category X Value Total</i>	20,065	1,842,835
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	373	768,200
	(a)(3)(vi) Ground air traffic control radar	2	10,000,000
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	153	18,815,770
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	28	106,647,283
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	199	52,519
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	112	2,956,484
	(c) Components, parts and associated equipment	215,605	347,637,002
	(d) Technical data	3,752	18,783,132
	<i>Category XI Value Total</i>	220,224	505,660,390

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GERMANY (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	1	107,590,953
	*(b) Lasers	30	205,309
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	4,986	13,546,362
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	662	4,372,869
	(e) Components, parts and associated equipment	7,888	5,658,626
	(f) Technical data	228	13,092
	<i>Category XII Value Total</i>	<i>13,795</i>	<i>131,387,211</i>
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	4	170,000
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	40	829,500
	(c) Self-contained diving and underwater breathing apparatus	350	41,300
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	54	169,224
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	6,779	946,365
	<i>Category XIII Value Total</i>	<i>7,227</i>	<i>2,156,389</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	55,481	5,835,438

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GERMANY (cont.)			
Category XIV (cont.)	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	104,500	3,990,000
	(m) Technical data	1	10
	<i>Category XIV Value Total</i>	159,982	9,825,448
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellite, or employing any of the cryptographic items controlled under Category XIII	2	85,068
	(c) Global Positioning System (GPS) receiving equipment	1,592	3,483,379
	(d) Radiation-hardened microelectronics	81	91,371
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	3,251	144,801,122
	(f) Technical data	98	876,935
	<i>Category XV Value Total</i>	5,024	149,337,875
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	(e) Technical data	2	20
	<i>Category XVI Value Total</i>	2	20
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	*(a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	2	4,212,838
	(d) Technical data	1	13,542
	<i>Category XX Value Total</i>	3	4,226,380
	GERMANY Country Total Authorized	307,083,894	1,897,790,235
	GERMANY Country Total Shipments		2,065,390,000
GHANA			
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	4	905,128

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GHANA (cont.)			
Category VI (cont.)	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	1,976	388,575
	(g) Technical data	5	2,926
	<i>Category VI Value Total</i>	1,985	1,296,629
Category VII	Tanks and Military Vehicles		
	(h) Technical data	1	280,000
	<i>Category VII Value Total</i>	1	280,000
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	1	1,000
	<i>Category VIII Value Total</i>	1	1,000
	GHANA Country Total Authorized	1,987	1,577,629
	GHANA Country Total Shipments		1,342,000
GIBRALTAR			
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	82	226,240
	<i>Category XIV Value Total</i>	82	226,240
	GIBRALTAR Country Total Authorized	82	226,240
	GiBRALTAR Country Total Shipments		4,000
GREECE			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	253	158,153
	*(g) Barrels, cylinders, receivers, and complete breech mechanism	51	3,975
	(h) Components, parts and associated equipment	691	35,138
	(i) Technical data	4	8,360
	<i>Category I Value Total</i>	999	205,626
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	300	14,346
	(k) Technical data	7	1,600
	<i>Category II Value Total</i>	307	15,946
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	24,350	7,790
	*(d)(2) Safing, arming, and fuzing components	10,290	623,574
	(d)(3) All other components, parts, and associated equipment	7,482,000	75,620
	(e) Technical data	17	10,350
	<i>Category III Value Total</i>	7,516,657	717,334

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GREECE (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	226	48,700
	* (b) Launch vehicles and missile and anti-missile systems	1	470,000
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	1,047	24,068
	* (f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	1	60,000
	(h) Components, parts and associated equipment	9,166	675,974
	(i) Technical data	35	16,618
	<i>Category IV Value Total</i>	<i>10,476</i>	<i>1,295,360</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	911	168,405
	(g) Technical data	6	120
	<i>Category VI Value Total</i>	<i>917</i>	<i>168,525</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	4,163	782,751
	(h) Technical data	744	103,348
	<i>Category VII Value Total</i>	<i>4,907</i>	<i>866,099</i>
Category VIII	Aircraft and Associated Equipment		
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	30	14,527
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	16	120,070
	(h) Components, parts and associated equipment	54,114	125,012,825
	(i) Technical data	39	177,202
	<i>Category VIII Value Total</i>	<i>54,199</i>	<i>125,324,624</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	2	950,000
	(d) Components, parts and associated equipment	2	5,440
	(e) Technical data	23	30,401
	<i>Category IX Value Total</i>	<i>27</i>	<i>985,841</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	8	7,896
	(d) Components, parts and associated equipment	1	122
	<i>Category X Value Total</i>	<i>9</i>	<i>8,018</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GREECE (cont.)			
Category XI	Military Electronics		
	* (a)(3)(i) Search radars	65	48,585
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	3	753,884
	(c) Components, parts and associated equipment	195,819	27,044,401
	(d) Technical data	219	25,815
	<i>Category XI Value Total</i>	<i>196,106</i>	<i>27,872,685</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	* (b) Lasers	12	5,244
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	9	158,613
	* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2	70,000
	(e) Components, parts and associated equipment	296	124,158
	(f) Technical data	17	2,631
	<i>Category XII Value Total</i>	<i>336</i>	<i>360,646</i>
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Assurance Systems and equipment, cryptographic devices, software, and components	5	8,577
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	9	5,001
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	1,200	10,200
	(l) Technical data	2	2
	<i>Category XIII Value Total</i>	<i>1,216</i>	<i>23,780</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	2,050	55,250
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	205	44,280
	<i>Category XIV Value Total</i>	<i>2,255</i>	<i>99,530</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GREECE (cont.)			
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	*(c) Nuclear radiation detection and measurement devices	1	714
	<i>Category XVI Value Total</i>	1	714
	GREECE Country Total Authorized	7,788,412	157,964,728
	GREECE Country Total Authorized		126,226,000
GREENLAND			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	335	131,710
	(h) Components, parts and associated equipment	460	2,273
	<i>Category I Value Total</i>	795	133,983
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II	2,496,500	249,650
	<i>Category III Value Total</i>	2,496,500	249,650
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	1	2,119
	<i>Category VIII Value Total</i>	1	2,119
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	23	26,113,602
	<i>Category XI Value Total</i>	23	26,113,602
	GREENLAND Country Total Authorized	2,497,319	26,499,354
	GREENLAND Country Total Shipments		24,526,000
GRENADA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	29	12,080
	<i>Category I Value Total</i>	29	12,080
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II	32,700	8,100
	<i>Category III Value Total</i>	32,700	8,100
	GRENADA Country Total Authorized	32,729	20,180
	GRENADA Country Total Shipments		26,000
GUATEMALA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	2,625	878,624
	*(b) Fully automatic firearms	6	10,800

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GUATEMALA (cont.)			
Category I (cont.)	Firearms, Close Assault Weapons and Combat Shotguns		
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	18	900
	(h) Components, parts and associated equipment	500	5,439
	<i>Category I Value Total</i>	3,149	895,763
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II	15,060,000	543,700
	<i>Category III Value Total</i>	15,060,000	543,700
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	1	750,000
	<i>Category VIII Value Total</i>	1	750,000
Category IX	Military Training Equipment and Training		
	(e) Technical data	1	4,917,287
	<i>Category XI Value Total</i>	1	4,917,287
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	20	25,246
	<i>Category X Value Total</i>	20	25,246
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	32	496,635
	(c) Components, parts and associated equipment	4	61,381
	<i>Category XI Value Total</i>	36	558,016
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(e) Components, parts and associated equipment	40	8,763
	<i>Category XII Value Total</i>	40	8,763
Category XIII	Auxiliary Military Equipment		
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	18	12,510
	<i>Category XIII Value Total</i>	18	12,510
	GUATEMALA Country Total Authorized	15,063,265	7,711,285
	GUATEMALA Country Total Shipments		4,456,000
GUYANA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	74	33,725
	<i>Category I Value Total</i>	74	33,725
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II	133,000	58,710
	(b) Ammunition/ordnance handling equipment	1	1,299

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
GUYANA (cont.)			
Category III (cont.)	Ammunition/Ordnance		
	(d)(3) All other components, parts, and associated equipment	20,000	1,200
	<i>Category III Value Total</i>	153,001	61,209
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(b) Propellants	24	1,248
	<i>Category V Value Total</i>	24	1,248
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	200	28,000
	(d) Components, parts and associated equipment	56	12,620
	<i>Category X Value Total</i>	256	40,620
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	200	7,085
	<i>Category XIV Value Total</i>	200	7,085
	GUYANA Country Total Authorized	153,555	143,887
	GUYANA Country Total Shipments		212,000
HAITI			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	120	50,720
	(h) Components, parts and associated equipment	100	1,600
	<i>Category I Value Total</i>	220	52,320
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	370,000	125,200
	<i>Category III Value Total</i>	370,000	125,200
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	1	1,000,000
	<i>Category VIII Value Total</i>	1	1,000,000
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	4,004	918,102
	<i>Category X Value Total</i>	4,004	918,102
	HAITI Country Total Authorized	374,225	2,095,622
	HAITI Country Total Shipments		1,258,000
HONDURAS			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(i) Technical data	1	1,000
	<i>Category IV Value Total</i>	1	1,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
HONDURAS (cont.)			
Category VII	Tanks and Military Vehicles		
	(h) Technical data	1	1,000
	<i>Category VII Value Total</i>	1	1,000
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	7,085	8,718,436
	(i) Technical data	1	500
	<i>Category VIII Value Total</i>	7,086	8,718,936
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	11	459,959
	<i>Category XI Value Total</i>	11	459,959
Category XIII	Auxiliary Military Equipment		
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	187	123,850
	<i>Category XIII Value Total</i>	187	123,850
Category XV	Spacecraft Systems and Associated Equipment		
	(f) Technical data	1	1,000
	<i>Category XV Value Total</i>	1	1,000
	HONDURAS Country Total Authorized	7,287	9,305,745
	HONDURAS Country Total Shipments		11,314,000
HONG KONG			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	63	45,982
	(f) Riflescopes	22	13,101
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	100	6,358
	(h) Components, parts and associated equipment	303	15,039
	(i) Technical data	6	1,870
	<i>Category I Value Total</i>	494	82,350
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	21,665,535	3,546,358
	<i>Category III Value Total</i>	21,665,535	3,546,358

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
HONG KONG (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	1,000	19,120
	<i>Category IV Value Total</i>	<i>1,000</i>	<i>19,120</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	3,360	329,964
	(c) Pyrotechnics, fuels, and related substances	3,120	331,188
	(d) Oxidizers	5,100	112,200
	<i>Category V Value Total</i>	<i>11,580</i>	<i>773,352</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	201	37,901
	<i>Category VIII Value Total</i>	<i>201</i>	<i>37,901</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	20	1,600
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	2	6,500
	<i>Category X Value Total</i>	<i>22</i>	<i>8,100</i>
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	20	1,667
	<i>Category XI Value Total</i>	<i>20</i>	<i>1,667</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(e) Components, parts and associated equipment	20	1,212
	<i>Category XII Value Total</i>	<i>20</i>	<i>1,212</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	12,835	317,757
	<i>Category XIV Value Total</i>	<i>12,835</i>	<i>317,757</i>
Category XV	Spacecraft Systems and Associated Equipment		
	*(a) Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental or multi-mission satellites	1	82,362,412

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
HONG KONG (cont.)			
Category XV (cont.)	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1	1,350,000
	(f) Technical data	8	200,000
	<i>Category XV Value Total</i>	10	83,912,412
	HONG KONG Country Total Authorized	21,691,717	88,700,229
	HONG KONG Country Total Shipments		8,198,000
HUNGARY			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	44,524	1,008,606
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	50	1,500
	(h) Components, parts and associated equipment	250	6,250
	<i>Category I Value Total</i>	44,824	1,016,356
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	3,835,900	913,298
	<i>Category III Value Total</i>	3,835,900	913,298
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(b) Launch vehicles and missile and anti-missile systems	28	9,260,000
	(h) Components, parts and associated equipment	14	802,438
	<i>Category IV Value Total</i>	42	10,062,438
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	36	17,124
	(i) Technical data	40	6
	<i>Category VIII Value Total</i>	76	17,130
Category XI	Military Electronics		
	*(a)(3)(iii) Tracking radar	1	82,000
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	16	85,088
	(c) Components, parts and associated equipment	441	75,225
	<i>Category XI Value Total</i>	458	242,313

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
HUNGARY (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	162	660,511
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	18	38,700
	(e) Components, parts and associated equipment	941	64,609
	(f) Technical data	12	70
	<i>Category XII Value Total</i>	<i>1,133</i>	<i>763,890</i>
Category XIII	Auxiliary Military Equipment		
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	48	798
	<i>Category XIII Value Total</i>	<i>48</i>	<i>798</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	6,615	130,571
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	23	1,408
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	2,100	39,690
	(m) Technical data	1	10
	<i>Category XIV Value Total</i>	<i>8,739</i>	<i>171,679</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	18	9,730
	<i>Category XV Value Total</i>	<i>18</i>	<i>9,730</i>
	HUNGARY Country Total Authorized	3,891,238	13,197,632
	HUNGARY Country Total Shipments		7,031,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ICELAND			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	421	164,023
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	308	66,685
	(h) Components, parts and associated equipment	11,049	204,310
	<i>Category I Value Total</i>	<i>11,778</i>	<i>435,018</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	594,940	107,431
	(d)(3) All other components, parts, and associated equipment	1,755,500	1,200,375
	<i>Category III Value Total</i>	<i>2,350,440</i>	<i>1,307,806</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	100	3,920
	<i>Category IV Value Total</i>	<i>100</i>	<i>3,920</i>
Category VII	Tanks and Military Vehicles		
	(h) Technical data	40	20,000
	<i>Category VII Value Total</i>	<i>40</i>	<i>20,000</i>
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	1	108,521
	(h) Components, parts and associated equipment	5	47,043
	(i) Technical data	1	500
	<i>Category VIII Value Total</i>	<i>7</i>	<i>156,064</i>
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	1	880,000
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	1	505,928
	*(a)(3)(i) Search radar	1	1,200,900
	*(a)(3)(v) Imaging radar systems	1	689,293
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	1	42,398
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	1	117,792
	(c) Components, parts and associated equipment	11	65,374
	<i>Category XI Value Total</i>	<i>17</i>	<i>3,501,685</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ICELAND (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	2	172,000
	(e) Components, parts and associated equipment	101	20,239
	<i>Category XII Value Total</i>	103	192,239
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	110	2,607
	<i>Category XIV Value Total</i>	110	2,607
	ICELAND Country Total Authorized	2,362,595	5,619,339
	ICELAND Country Total Shipments		1,471,000
INDIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(b) Fully automatic firearms	2	1,564
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	14	3,465
	(h) Components, parts and associated equipment	62	1,881
	(i) Technical data	13	3,100
	<i>Category I Value Total</i>	91	10,010
Category II	Guns and Armament		
	(k) Technical data	4	2,200
	<i>Category II Value Total</i>	4	2,200
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	82,180	57,695
	(b) Ammunition/ordnance handling equipment	3,750	14,400
	(d)(3) All other components, parts, and associated equipment	240,000	21,600
	(e) Technical data	2	21,000
	<i>Category III Value Total</i>	325,932	114,695
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	99	1,985,571
	(h) Components, parts and associated equipment	4,407	94,944

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
INDIA (cont.)			
Category IV (cont.)	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(i) Technical data	50	386,347
	<i>Category IV Value Total</i>	4,556	2,466,862
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	184	9,648
	(d) Oxidizers	250	34,465
	<i>Category V Value Total</i>	434	44,113
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	170	228,553
	(g) Technical data	20	264,101
	<i>Category VI Value Total</i>	190	492,654
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	134	1,580,656
	(h) Technical data	6,894	12,729,598
	<i>Category VII Value Total</i>	7,028	12,887,663
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	1	161,987
	*(b) Military aircraft engines	28	128,217,914
	(d) Launching and recovery equipment for the articles in (a)	140	26,809
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	49	721,155
	(f) Developmental aircraft, engines, and components	2	13,920
	(h) Components, parts and associated equipment	40,460	43,704,296
	(i) Technical data	7,406	1,065,984
	<i>Category VIII Value Total</i>	48,086	173,912,065
Category IX	Military Training Equipment and Training		
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1	50
	(d) Components, parts and associated equipment	9	13,500
	(e) Technical data	8	2,910
	<i>Category IX Value Total</i>	18	16,460
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	5	500
	(d) Components, parts and associated equipment	81	7,741
	<i>Category X Value Total</i>	86	8,241

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
INDIA (cont.)			
Category XI	Military Electronics		
	*(a)(3)(i) Search radar	1	31,200
	(a)(3)(vi) Ground air traffic control radar	2	154
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	3	576,350
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	2	49,100
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	74	1,220,400
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	83	8,233,990
	(c) Components, parts and associated equipment	44,634	17,789,638
	(d) Technical data	1,981	1,354,120
	<i>Category XI Value Total</i>	<i>46,780</i>	<i>29,254,952</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1,156	781,317
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	43	970,028
	(e) Components, parts and associated equipment	22,463	2,712,945
	(f) Technical data	61	84,020
	<i>Category XII Value Total</i>	<i>23,723</i>	<i>4,548,659</i>
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	5	257,659
	(c) Self-contained diving and underwater breathing apparatus	40	4,720
	(f) Structural materials	9	9
	(g) Concealment and deception equipment	2	68,800
	(l) Technical data	2	200
	<i>Category XIII Value Total</i>	<i>58</i>	<i>331,388</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
INDIA (cont.)			
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	5	54,350
	(m) Technical data	1	100
	<i>Category XIV Value Total</i>	6	54,450
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	12	985,310
	(c) Global Positioning System (GPS) receiving equipment	10,000	11,700
	(d) Radiation-hardened microelectronics	1,405	2,210,750
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	2,945	5,491,942
	(f) Technical data	31	467,450
	<i>Category XV Value Total</i>	14,393	9,167,152
Category XVIII	Directed Energy Weapons		
	(f) Technical data	100	10,000
	<i>Category XVIII Value Total</i>	100	10,000
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	59	54,700
	(d) Technical data	1	50
	<i>Category XX Value Total</i>	60	54,750
	INDIA Country Total Authorized	471,543	233,362,045
	INDIA Country Total Shipments		129,516,000
INDONESIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	798	579,743
	(h) Components, parts and associated equipment	372	4,344
	<i>Category I Value Total</i>	1,170	584,087
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	800	24,000
	<i>Category II Value Total</i>	800	24,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
INDONESIA (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	2	101,500
	(i) Technical data	10	200
	<i>Category IV Value Total</i>	12	101,700
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	1,769	44,458
	(g) Technical data	2	3,650,000
	<i>Category VI Value Total</i>	1,771	3,694,458
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	1	400,000
	<i>Category VII Value Total</i>	1	400,000
Category VIII	Aircraft and Associated Equipment		
	*(b) Military aircraft engines	5	13,900,000
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	16	304,073
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	1	22,400
	(h) Components, parts and associated equipment	11,714	48,671,304
	(i) Technical data	79	4,610
	<i>Category VIII Value Total</i>	11,815	62,902,387
Category IX	Military Training Equipment and Training		
	(a) Training equipment	2	310,800
	(b) Simulation devices for the items covered by this subchapter	96	1,977,774
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	3	10,644
	(d) Components, parts and associated equipment	3	27,700
	(e) Technical data	20	368,580
	<i>Category IX Value Total</i>	124	2,695,498
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	145	85,113
	<i>Category X Value Total</i>	145	85,113
Category XI	Military Electronics		
	*(a)(3)(i) Search radar	1	65,172
	*(a)(4) Electronic combat equipment	6	33,621
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	139	6,117,016
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	4	14,617,725

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
INDONESIA (cont.)			
Category XI (cont.)	Military Electronics		
	(c) Components, parts and associated equipment	1,678	255,649
	(d) Technical data	1,402	999,632
	<i>Category XI Value Total</i>	3,230	22,088,815
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	30	99,000
	(e) Components, parts and associated equipment	11	4,338
	(f) Technical data	29	2,000
	<i>Category XII Value Total</i>	70	105,338
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	14	5,005,199
	<i>Category XIII Value Total</i>	14	5,005,199
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	4	353
	<i>Category XIV Value Total</i>	4	353
Category XV	Spacecraft Systems and Associated Equipment		
	(f) Technical data	1	81,270
	<i>Category XV Value Total</i>	1	81,270
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	100	502,000
	<i>Category XXI Value Total</i>	100	502,000
	INDONESIA Country Total Authorized	19,257	98,270,668
	INDONESIA Country Total Shipments		25,938,000
IRAQ			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,078	1,383,369
	*(b) Fully automatic firearms	36	34,992
	*(c) Firearms and other weapons	96	75,763
	*(d) Combat shotguns	212	53,424

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
IRAQ (cont.)			
Category I (cont.)	Firearms, Close Assault Weapons and Combat Shotguns		
	*(e) Silencers, mufflers, sound and flash suppressors	70	33,379
	(f) Riflescopes	52,073	39,157,336
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	11	1,925
	(h) Components, parts and associated equipment	1,187,747	83,853,538
	(i) Technical data	4	750
	<i>Category I Value Total</i>	<i>1,241,327</i>	<i>124,594,476</i>
Category II	Guns and Armament		
	*(a) Guns over caliber .50	36	151,976
	(e) Technical data	120	235,124
	<i>Category II Value Total</i>	<i>156</i>	<i>387,100</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	39,414,850	10,721,411
	(e) Technical data	1	38
	<i>Category III Value Total</i>	<i>39,414,851</i>	<i>10,721,449</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	30,800	734,400
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	2,185	3,434,839
	(h) Components, parts and associated equipment	4,437	24,793,090
	(i) Technical data	3	6,767
	<i>Category IV Value Total</i>	<i>37,425</i>	<i>28,969,096</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	288	16,704
	<i>Category V Value Total</i>	<i>288</i>	<i>16,704</i>
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	26	6,240,000
	(f) Components, parts and associated equipment	1,641	413,744
	<i>Category VI Value Total</i>	<i>1,667</i>	<i>6,653,744</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
IRAQ (cont.)			
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	345	62,980,986
	*(b) Military tanks, combat engineer vehicles, bridge launching vehicles, half-tracks and gun carriers	9	1,585,000
	(c) Military trucks, trailers, hoists, and skids specifically designed, modified, or equipped to mount or carry weapons	215	35,534,644
	(g) Components, parts and associated equipment	8,358	44,439,211
	(h) Technical data	569	739,090
	<i>Category VII Value Total</i>	<i>9,496</i>	<i>145,278,931</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	67,378	380,775,101
	(i) Technical data	31	546,511
	<i>Category VIII Value Total</i>	<i>67,409</i>	<i>381,321,612</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	631	20,214,376
	(b) Simulation devices for the items covered by this subchapter	752	30,900,000
	(d) Components, parts and associated equipment	1	10,000
	(e) Technical data	3,025	3,780,500
	<i>Category IX Value Total</i>	<i>4,409</i>	<i>54,904,876</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	178,555	16,447,950
	(b) Permanent or transportable shelters specifically designed or modified to protect against the effect of articles covered by this subchapter	12	221,083
	(d) Components, parts and associated equipment	102	1,810,600
	<i>Category X Value Total</i>	<i>178,669</i>	<i>18,479,633</i>
Category XI	Military Electronics		
	*(a)(3)(i) Search radar	3	60,227,102
	(a)(3)(vi) Ground air traffic control radar	2	10,000,000
	*(a)(4) Electronic combat equipment	16,002	728,600
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	23,204	177,758,546
	(a)(6) Computers specifically designed or developed for military applications and any computer specifically modified for use with any defense article in any category of the USML	5	106,600,000
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	639	1,749,671

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
IRAQ (cont.)			
Category XI (cont.)	Military Electronics		
	(c) Components, parts and associated equipment	59,695	348,898,142
	(d) Technical data	665	4,063,352
	<i>Category XI Value Total</i>	<i>100,215</i>	<i>710,025,413</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	429	40,878,650
	*(b) Lasers	1,422	1,860,853
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	30,146	30,653,500
	(e) Components, parts and associated equipment	3,188	49,893,041
	(f) Technical data	25	500
	<i>Category XII Value Total</i>	<i>35,210</i>	<i>123,286,544</i>
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	1	5,000,000
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	143	1,255,007
	(l) Technical data	1	7,600
	<i>Category XIII Value Total</i>	<i>145</i>	<i>6,262,607</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	5	1,392,369
	<i>Category XIV Value Total</i>	<i>5</i>	<i>1,392,369</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	4	3,450,000
	<i>Category XV Value Total</i>	<i>4</i>	<i>3,450,000</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
IRAQ (cont.)			
Category XVII	Classified Articles, Technical Data and Defense Services Not Otherwise Enumerated		
	(a) All articles, technical data, and defense services which are classified in the interests of national security and which are not otherwise enumerated in the USML	3	9,164
	<i>Category XVII Value Total</i>	3	9,164
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	7,046	672,842
	(b) Technical data	1	1,000,000
	<i>Category XXI Value Total</i>	7,047	1,672,842
	IRAQ Country Total Authorized	41,098,326	1,617,426,560
	IRAQ Country Total Shipments		2,830,786,000
IRELAND			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,374	523,299
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	50	5,000
	(h) Components, parts and associated equipment	41,752	167,630
	(i) Technical data	2	2,595
	<i>Category I Value Total</i>	43,178	698,524
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	6,706,500	1,461,766
	(d)(3) All other components, parts, and associated equipment	302,717	470,436
	<i>Category III Value Total</i>	7,009,217	1,932,202
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	710	164,158
	<i>Category IV Value Total</i>	710	164,158
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	3	15,875
	<i>Category V Value Total</i>	3	15,875

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
IRELAND (cont.)			
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	403	144,254
	<i>Category VII Value Total</i>	403	144,254
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	463	5,957,687
	(i) Technical data	9	1,425
	<i>Category VIII Value Total</i>	472	5,959,112
Category IX	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	8	57,800
	<i>Category IX Value Total</i>	8	57,800
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1	1,545
	(d) Components, parts and associated equipment	80	9,730
	(e) Technical data	1	2,900
	<i>Category X Value Total</i>	82	14,175
Category XI	Military Electronics		
	*(a)(3)(i) Search radar	1	525,854
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	12	536,438
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	6	320,112
	(c) Components, parts and associated equipment	696	1,570,500
	(d) Technical data	5	4,524
	<i>Category XI Value Total</i>	720	2,957,428
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	1	91,031
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	9	441,926
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	7	14,926
	(e) Components, parts and associated equipment	45	170,481
	(f) Technical data	1	10
	<i>Category XII Value Total</i>	63	717,796

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
IRELAND (cont.)			
Category XIII	Auxiliary Military Equipment		
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	40	665
	<i>Category XIII Value Total</i>	40	665
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,090	196,446
	<i>Category XIV Value Total</i>	1,090	196,446
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	100	14,489
	(f) Technical data	1	100,000
	<i>Category XV Value Total</i>	101	114,489
	IRELAND Country Total Authorized	7,056,087	12,973,004
	IRELAND Country Total Shipments		11,597,000
ISRAEL			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	21,001	2,215,755
	*(c) Firearms and other weapons	250	500,000
	*(d) Combat shotguns	112	109,166
	*(e) Silencers, mufflers, sound and flash suppressors	2	962
	(f) Riflescopes	21	13,440
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	8,501	455,414
	(h) Components, parts and associated equipment	142,079	1,294,707
	(i) Technical data	3	75
	<i>Category I Value Total</i>	171,969	4,589,519
Category II	Guns and Armament		
	(b) Flame throwers	30	1,690
	(g) Tooling and equipment	44	459,209
	(h) Test and evaluation equipment	3	161,133
	(j) Components, parts and associated equipment	2,288	1,614,977
	(k) Technical data	4	66,750
	<i>Category II Value Total</i>	2,369	2,303,759

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ISRAEL (cont.)			
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	10,283,595	1,804,711
	(c) Equipment and tooling	12	8,292
	*(d)(2) Safing, arming, and fuzing components	53,045	525,177
	(d)(3) All other components, parts, and associated equipment	838,626	20,174,323
	(e) Technical data	19	170,027
	<i>Category III Value Total</i>	<i>11,175,297</i>	<i>22,682,530</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles and demolition blocks and blasting caps	468	608,450
	*(b) Launch vehicles and missile and anti-missile systems	3	168,750
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	6,262	236,144
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	8,173	495,478
	(h) Components, parts and associated equipment	83,824	23,455,617
	(i) Technical data	45	27,932
	<i>Category IV Value Total</i>	<i>98,775</i>	<i>24,992,371</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	152,419	1,172,599
	*(b) Propellants	730,538	4,431,066
	(c) Pyrotechnics, fuels, and related substances	76,932	1,379,427
	(d) Oxidizers	27,790	189,562
	*(e) Binders	8,780	59,809
	(h) Technical data	5	203
	<i>Category V Value Total</i>	<i>996,464</i>	<i>7,232,666</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	332	589,393
	(g) Technical data	63	9,000
	<i>Category VI Value Total</i>	<i>395</i>	<i>598,393</i>
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	14	1,849,759

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ISRAEL (cont.)			
Category VII (cont.)	Tanks and Military Vehicles		
	*(b) Military tanks, combat engineer vehicles, bridge launching vehicles, half-tracks and gun carriers	68	2,851,854
	(c) Military trucks, trailers, hoists, and skids specifically designed, modified, or equipped to mount or carry weapons	205	5,216,901
	*(f) Engines specifically designed or modified for vehicles in (a), (b) and (e)	13	7,308,940
	(g) Components, parts and associated equipment	662,986	79,581,246
	(h) Technical data	7,836	1,297,330
	<i>Category VII Value Total</i>	671,122	98,106,030
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	2	50,000
	*(b) Military aircraft engines	1	31,295,922
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	392	1,216,705
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	183	2,611,009
	(h) Components, parts and associated equipment	38,084,321	636,605,349
	(i) Technical data	216	86,324
	<i>Category VIII Value Total</i>	38,085,115	671,865,309
Category IX	Military Training Equipment and Training		
	(a) Training equipment	164,295	13,556,655
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1	300
	(d) Components, parts and associated equipment	1,621	1,215,429
	(e) Technical data	34	385,248
	<i>Category IX Value Total</i>	165,951	15,157,632
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	6,195	2,865,965
	(b) Permanent or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter	7	175,000
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	2	284
	(d) Components, parts and associated equipment	35,126	634,362
	(e) Technical data	505	775
	<i>Category X Value Total</i>	41,835	3,676,386

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ISRAEL (cont.)			
Category XI	Military Electronics		
	* (a)(1) Underwater sound equipment	40	81,960
	* (a)(3)(i) Search radar	58	1,038,780
	* (a)(3)(iv) Moving target indication radar	2	2,570,000
	* (a)(4) Electronic combat equipment	55	11,212,760
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	3,217	65,873,145
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	61	677,247
	* (b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	112	21,245,757
	(c) Components, parts and associated equipment	1,173,629	66,088,369
	(d) Technical data	10,251	913,057
	<i>Category XI Value Total</i>	<i>1,187,425</i>	<i>169,701,075</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	* (a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	6,691	27,055,659
	* (b) Lasers	273	1,036,873
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	3,674	9,792,053
	* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1,130	7,721,297
	(e) Components, parts and associated equipment	74,035	18,662,849
	(f) Technical data	124	55,552
	<i>Category XII Value Total</i>	<i>85,927</i>	<i>64,324,283</i>
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	22	388,925

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ISRAEL (cont.)			
Category XIII (cont.)	Auxiliary Military Equipment		
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	7,681	31,783,769
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	82,321	30,585,186
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	24,191	3,088,428
	(i) Technical data	3	12,010
	<i>Category XIII Value Total</i>	<i>114,218</i>	<i>65,858,318</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	6,804	197,316
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	272,821	5,498,256
	(m) Technical data	4	301
	<i>Category XIV Value Total</i>	<i>279,629</i>	<i>5,695,873</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1	15,000
	(f) Technical data	114	2,335
	<i>Category XV Value Total</i>	<i>115</i>	<i>17,335</i>
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	8	153,900
	<i>Category XX Value Total</i>	<i>8</i>	<i>153,900</i>
Category XXI	Miscellaneous Articles		
	(b) Technical data	1	6,600
	<i>Category XXI Value Total</i>	<i>1</i>	<i>6,600</i>
	ISRAEL Country Total Authorized	53,076,615	1,156,981,979
	ISRAEL Country Total Shipments		805,826,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ITALY			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	38,075	10,250,901
	*(b) Fully automatic firearms	176	270,654
	*(c) Firearms and other weapons	60	180,000
	*(e)		
	Silencers, mufflers, sound and flash suppressors	34	43,063
	(f) Riflescopes	177	157,467
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	1,846	479,840
	(h) Components, parts and associated equipment	254,321	2,158,441
	(i) Technical data	20	325,740
	<i>Category I Value Total</i>	<i>294,709</i>	<i>13,866,106</i>
Category II	Guns and Armament		
	*(a) Guns over caliber .50	3	322,400
	(g) Tooling and equipment	9	5,415
	(j) Components, parts and associated equipment	21,618	829,459
	(k) Technical data	12	1,800
	<i>Category II Value Total</i>	<i>21,642</i>	<i>1,159,074</i>
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	21,238,012	2,183,063
	*(d)(1) Guidance and control components	94	576,599
	*(d)(2) Safing, arming, and fuzing components	2,500	12,875
	(d)(3) All other components, parts, and associated equipment	69,785,673	3,495,876
	(e) Technical data	4	46,002
	<i>Category III Value Total</i>	<i>91,026,283</i>	<i>6,314,415</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles and demolition blocks and blasting caps	71	579,362
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	570	448,824
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	5,461	796,050
	(h) Components, parts and associated equipment	5,807	2,992,708
	(i) Technical data	60	26,023
	<i>Category IV Value Total</i>	<i>11,969</i>	<i>4,772,967</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ITALY (cont.)			
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	* (b) Propellants	710	142,725
	(c) Pyrotechnics, fuels, and related substances	112,875	865,509
	(d) Oxidizers	9,500	41,390
	* (e) Binders	2,000	460,000
	(f) Additives	4	4
	<i>Category V Value Total</i>	125,089	1,509,628
Category VI	Vessels of War and Special Naval Equipment		
	(d) Harbor entrance detection devices and controls	38	13,482
	(f) Components, parts and associated equipment	183	1,087,665
	(g) Technical data	93	5,506
	<i>Category VI Value Total</i>	314	1,106,653
Category VII	Tanks and Military Vehicles		
	* (a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	1	220,000
	(g) Components, parts and associated equipment	48,280	2,598,007
	(h) Technical data	3	1,010
	<i>Category VII Value Total</i>	48,284	2,819,017
Category VIII	Aircraft and Associated Equipment		
	* (b) Military aircraft engines	43	88,781,839
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	86	206,069
	(d) Launching and recovery equipment for the articles in (a)	899	599,325
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	1,232	26,071,180
	(f) Developmental aircraft, engines, and components	9	4,800,000
	(h) Components, parts and associated equipment	271,768	384,393,412
	(i) Technical data	786	222,442
	<i>Category VIII Value Total</i>	274,823	505,074,267
Category IX	Military Training Equipment and Training		
	(a) Training equipment	24	17,474,711
	(b) Simulation devices for the items covered by this subchapter	5	14,314,133
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	290	227,463
	(d) Components, parts and associated equipment	128	2,207,122

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ITALY (cont.)			
Category IX (cont.)	Military Training Equipment and Training		
	(e) Technical data	118	6,628
	<i>Category IX Value Total</i>	565	34,230,057
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	954	231,544
	(d) Components, parts and associated equipment	1,594	278,577
	(e) Technical data	2	3,250
	<i>Category X Value Total</i>	2,550	513,371
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	1	7,555
	*(a)(3)(v) Imaging radar systems	2	1,630,935
	(a)(3)(vi) Ground air traffic control radar	120	514,916
	*(a)(4) Electronic combat equipment	24	99,984
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	102	4,916,213
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	113	4,837,095
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	157	36,659
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	294	9,211,729
	(c) Components, parts and associated equipment	32,150	91,836,369
	(d) Technical data	483	19,412,666
	<i>Category XI Value Total</i>	33,446	132,504,121
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	1	15,500
	*(b) Lasers	203	375,356
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1,497	24,714,512

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ITALY (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(d) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	222	499,220
	(e) Components, parts and associated equipment	8,520	10,781,897
	(f) Technical data	975	12,552
	<i>Category XII Value Total</i>	<i>11,418</i>	<i>36,399,037</i>
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	118	378,107
	(c) Self-contained diving and underwater breathing apparatus	1	2,000,000
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	925	10,809
	<i>Category XIII Value Total</i>	<i>1,044</i>	<i>2,388,916</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	176,284	2,325,757
	(m) Technical data	5	500
	<i>Category XIV Value Total</i>	<i>176,289</i>	<i>2,326,257</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	24	54,489,414
	(c) Global Positioning System (GPS) receiving equipment	134	686,184
	(d) Radiation-hardened microelectronics	9	40,197
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	785	12,673,328
	(f) Technical data	56	2,465,814
	<i>Category XV Value Total</i>	<i>1,008</i>	<i>70,354,937</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ITALY (cont.)			
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	* (c) Nuclear radiation detection and measurement devices	44	844,396
	(d) Components, parts, and associated equipment specifically designed or modified for the articles in this category	205	31,620
	(e) Technical data	1	100
	<i>Category XVI Value Total</i>	250	876,116
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	* (b) Swimmer delivery vehicles	3	44,514
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	56	6,040
	(d) Technical data	1	100
	<i>Category XX Value Total</i>	60	50,654
	ITALY Country Total Authorized	92,029,743	816,280,593
	ITALY Country Total Shipments		1,198,837,000
JAMAICA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	1,250	222,968
	* (g) Barrels, cylinders, receivers, and complete breech mechanisms	12	1,679
	(h) Components, parts and associated equipment	8,121	25,947
	(i) Technical data	1	200
	<i>Category I Value Total</i>	9,384	250,794
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II articles	1,346,450	845,920
	<i>Category III Value Total</i>	1,346,450	845,920
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles and demolition blocks and blasting caps	100	2,550
	<i>Category IV Value Total</i>	100	2,550
Category VII	Tanks and Military Vehicles		
	(h) Technical data	4	100,100
	<i>Category VII Value Total</i>	4	100,100

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
JAMAICA (cont.)			
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	2	3,475,438
	(i) Technical data	2	1,500
	<i>Category VIII Value Total</i>	4	3,476,938
Category IX	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	8	44,600
	<i>Category IX Value Total</i>	8	44,600
Category XI	Military Electronics		
	(d) Technical data	7	3,090
	<i>Category XI Value Total</i>	7	3,090
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	29	82,412
	(e) Components, parts and associated equipment	123	21,392
	(f) Technical data	1	15
	<i>Category XII Value Total</i>	153	103,819
	JAMAICA Country Total Authorized	1,356,110	4,827,811
	JAMAICA Country Total Shipments		7,572,000
JAPAN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	3,709	1,720,854
	*(c) Firearms and other weapons	350	767,500
	(f) Riflescopes	11	5,069
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	5,903	534,887
	(h) Components, parts and associated equipment	141,166	1,060,680
	(i) Technical data	2,013	485,750
	<i>Category I Value Total</i>	153,152	4,574,740
Category II	Guns and Armament		
	*(a) Guns over caliber .50	8	1,535,274
	(j) Components, parts and associated equipment	4,257	2,616,151
	(k) Technical data	6	105
	<i>Category II Value Total</i>	4,271	4,151,530
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	11,368,057	4,824,522
	(b) Ammunition/ordnance handling equipment	600	13,356

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
JAPAN (cont.)			
Category III (cont.)	Ammunition/Ordnance		
	(c) Equipment and tooling	1	211,570
	*(d)(1) Guidance and control components	148,900	58,995
	(d)(3) All other components, parts, and associated equipment	3,842,579	1,218,133
	(e) Technical data	5	600
	<i>Category III Value Total</i>	<i>15,360,142</i>	<i>6,327,176</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles and demolition blocks and blasting caps	288	1,078,768
	*(b) Launch vehicles and missile and anti-missile systems	159	12,123,160
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	943	14,565,875
	*(d) Missile and space launch vehicle powerplants	8	1,467,040
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	17,771	551,778
	(h) Components, parts and associated equipment	539,596	535,405,358
	(i) Technical data	573	252,147
	<i>Category IV Value Total</i>	<i>559,338</i>	<i>565,444,126</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	10,172	1,209,718
	*(b) Propellants	3,721	195,898
	(c) Pyrotechnics, fuels, and related substances	39,435	3,627,215
	(d) Oxidizers	39,828	3,148,247
	*(e) Binders	11,211	269,591
	(f) Additives	3,573	322,048
	(h) Technical data	7	630
	<i>Category V Value Total</i>	<i>107,947</i>	<i>8,773,347</i>
Category VI	Vessels of War and Special Naval Equipment		
	*(c) Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	240	4,234
	(f) Components, parts and associated equipment	118,839	93,512,813
	(g) Technical data	19	836,746
	<i>Category VI Value Total</i>	<i>119,098</i>	<i>94,353,793</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
JAPAN (cont.)			
Category VII	Tanks and Military Vehicles		
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	3	280,332
	(g) Components, parts and associated equipment	1,495	7,066,292
	(h) Technical data	120	159,925
	<i>Category VII Value Total</i>	<i>1,618</i>	<i>7,506,549</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	13	504,152,634
	*(b) Military aircraft engines	44	9,300,636
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	28,822	4,030,110
	(d) Launching and recovery equipment for the articles in (a)	2	1,079,000
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	662	11,527,171
	(h) Components, parts and associated equipment	5,727,091	1,273,422,582
	(i) Technical data	272	1,687,983
	<i>Category VIII Value Total</i>	<i>5,756,906</i>	<i>1,805,200,116</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	720	44,713,850
	(b) Simulation devices for the items covered by this subchapter	32	16,809,834
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1,223	1,255,268
	(d) Components, parts and associated equipment	4,964	35,501,610
	(e) Technical data	361	121,490
	<i>Category IX Value Total</i>	<i>7,300</i>	<i>98,402,052</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1,351	539,369
	(d) Components, parts and associated equipment	5,448	304,587
	(e) Technical data	11	308
	<i>Category X Value Total</i>	<i>6,810</i>	<i>844,264</i>
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	307	636,914
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	2,160	1,726,790
	*(a)(3)(i) Search radar	5	56,273,625
	*(a)(3)(ii) Acquisition radar	6	497,878
	*(a)(3)(iii) Tracking radar	52	5,275,707
	*(a)(3)(iv) Moving target indication radar	4	270,212

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
JAPAN (cont.)			
Category XI (cont.)	Military Electronics		
	*(a)(3)(v) Imaging radar systems	1	67,000
	(a)(3)(vi) Ground air traffic control radar	3	10,006,730
	*(a)(4) Electronic combat equipment	8,321	13,548,768
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	646	52,387,702
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	178	10,669,931
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	150	114,922
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	173	7,578,521
	(c) Components, parts and associated equipment	6,113,466	287,159,194
	(d) Technical data	2,111	2,970,345
	<i>Category XI Value Total</i>	<i>6,127,583</i>	<i>449,184,239</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	20	533,718
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	8,454	36,287,743
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	490	8,875,246
	(e) Components, parts and associated equipment	10,244	38,909,400
	(f) Technical data	82	108,229
	<i>Category XII Value Total</i>	<i>19,290</i>	<i>84,714,336</i>
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	719	4,262,551
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	60	2,542,863
	(c) Self-contained diving and underwater breathing apparatus	2	8,000,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
JAPAN (cont.)			
Category XIII (cont.)	Auxiliary Military Equipment		
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	81	55,875
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	9	808,184
	(f) Structural materials	25	235,716
	(g) Concealment and deception equipment	44	16,397
	(h) Energy conversation devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	522	600,540
	(l) Technical data	5,018	400,267
	<i>Category XIII Value Total</i>	<i>6,480</i>	<i>16,922,393</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	40,779	6,989,751
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	3,985	377,463
	(m) Technical data	17	8,996
	<i>Category XIV Value Total</i>	<i>44,781</i>	<i>7,376,210</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	1	1,840,202
	(c) Global Positioning System (GPS) receiving equipment	8	75,616
	(d) Radiation-hardened microelectronics	5,222	9,872,801
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	169,849	113,871,888
	(f) Technical data	1,267	1,286,803
	<i>Category XV Value Total</i>	<i>176,347</i>	<i>126,947,310</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
JAPAN (cont.)			
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	*(c) Nuclear radiation detection and measurement devices	1	108,000
	<i>Category XVI Value Total</i>	<i>1</i>	<i>108,000</i>
Category XVIII	Directed Energy Weapons		
	(f) Technical data	8	8
	<i>Category XVIII Value Total</i>	<i>8</i>	<i>8</i>
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	167	10,119,578
	(d) Technical data	10	7,736
	<i>Category XX Value Total</i>	<i>177</i>	<i>10,127,314</i>
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	4	2,025
	<i>Category XXI Value Total</i>	<i>4</i>	<i>2,025</i>
	JAPAN Country Total Authorized	28,451,253	3,290,931,528
	JAPAN Country Total Shipments		6,491,430,000
JORDAN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	9,963	5,295,918
	*(b) Fully automatic firearms	846	939,964
	*(c) Firearms and other weapons	50	150,000
	*(d) Combat shotguns	30	27,880
	(f) Riflescopes	3,000	1,623,600
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	1,506	1,072,465
	(h) Components, parts and associated equipment	62,057	5,222,595
	<i>Category I Value Total</i>	<i>77,452</i>	<i>14,332,422</i>
Category II	Guns and Armament		
	*(a) Guns over caliber .50	5	2,547
	(j) Components, parts and associated equipment	1	60,000
	<i>Category II Value Total</i>	<i>6</i>	<i>62,547</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	9,768,524	2,817,570
	*(d)(1) Guidance and control components	80,000	36,000
	*(d)(2) Safing, arming, and fuzing components	120	16,410

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
JORDAN (cont.)			
Category III (cont.)	Ammunition/Ordnance		
	(e) Technical data	5	1,000
	<i>Category III Value Total</i>	9,848,649	2,870,980
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	45	1,244,202
	(h) Components, parts and associated equipment	3,256	272,865
	<i>Category IV Value Total</i>	3,301	1,517,067
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	601	91,563
	(h) Technical data	10	5,000
	<i>Category VII Value Total</i>	611	96,563
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	2	17,936
	(h) Components, parts and associated equipment	4,279	80,782,631
	(i) Technical data	22	62,400
	<i>Category VIII Value Total</i>	4,303	80,862,967
Category IX	Military Training Equipment and Training		
	(a) Training equipment	444	1,267,369
	(b) Simulation devices for the items covered by this subchapter	11	292,236
	(d) Components, parts and associated equipment	957	105,708
	(e) Technical data	2	48,100
	<i>Category IX Value Total</i>	1,414	1,713,413
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	50	93,907
	(d) Components, parts and associated equipment	1	50
	<i>Category X Value Total</i>	51	93,957
Category XI	Military Electronics		
	*(a)(4) Electronic combat equipment	1	93,756
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	44	1,482,783
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	1	14,259
	(c) Components, parts and associated equipment	919	382,081
	(d) Technical data	1,307	175,950
	<i>Category XI Value Total</i>	2,272	2,148,829

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
JORDAN (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	* (a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	755	7,962,750
	* (b) Lasers	975	1,663,625
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	2,014	28,297,462
	* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	6	63,035
	(e) Components, parts and associated equipment	992	340,692
	(f) Technical data	6	1,998
	<i>Category XII Value Total</i>	4,748	38,329,562
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	* (f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	55,000	1,105,000
	<i>Category XIV Value Total</i>	55,000	1,105,000
	JORDAN Country Total Authorized	9,997,807	143,133,307
	JORDAN Country Total Shipments		83,658,000
KAZAKHSTAN			
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	* (a) Explosives	550	1,578,200
	<i>Category V Value Total</i>	550	1,578,200
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	1,513	71,941
	<i>Category VII Value Total</i>	1,513	71,941

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
KAZAKHSTAN (cont.)			
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	2	72,464
	(h) Components, parts and associated equipment	20	46,569
	<i>Category VIII Value Total</i>	22	119,033
Category IX	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	16	273,000
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	2	8,190
	(e) Technical data	1	64,500
	<i>Category IX Value Total</i>	19	345,690
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	620	2,990,088
	(d) Technical data	10	115,160
	<i>Category XI Value Total</i>	630	3,105,248
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	3	50,952
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	74	6,475,000
	(e) Components, parts and associated equipment	571	401,139
	(f) Technical data	3	30
	<i>Category XII Value Total</i>	651	6,927,121
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	6	77,745
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	9,460	3,368,085

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
KAZAKHSTAN (cont.)			
Category XV (cont.)	Spacecraft Systems and Associated Equipment		
	(f) Technical data	1	1
	<i>Category XV Value Total</i>	9,467	3,445,831
	KAZAKHSTAN Country Total Authorized	12,852	15,593,064
	KAZAKHSTAN Country Total Shipments		355,491,000
 KENYA			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	1	443,242
	<i>Category IV Value Total</i>	1	443,242
Category VIII	Aircraft and Associated Equipment		
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	18	83,691
	(h) Components, parts and associated equipment	1,145	16,328,677
	(i) Technical data	13	57,000
	<i>Category VIII Value Total</i>	1,176	16,469,368
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	1	18,372
	(c) Components, parts and associated equipment	16	103,826
	<i>Category XI Value Total</i>	17	103,826
	KENYA Country Total Authorized	1,194	17,106,436
	KENYA Country Total Shipments		11,320,000
 KIRIBATI			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	9	7,749
	*(d) Combat shotguns	6	4,002
	<i>Category I Value Total</i>	15	11,751
	KIRIBATI Country Total Authorized	15	11,751
	KIRIBATI Country Total Shipments		12,000
 KUWAIT			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	40	57,938
	*(b) Fully automatic firearms	8	9,600
	(f) Riflescopes	144,000	90,285,600

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
KUWAIT (cont.)			
Category I (cont.)	Firearms, Close Assault Weapons and Combat Shotguns		
	(h) Components, parts and associated equipment	2,434,250	176,935,468
	<i>Category I Value Total</i>	2,578,298	267,288,606
Category II	Guns and Armament		
	*(a) Guns over caliber .50	4	5,600
	(j) Components, parts and associated equipment	555	90,020
	<i>Category II Value Total</i>	559	95,620
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	165,600	56,000
	<i>Category III Value Total</i>	165,600	56,000
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	600	15,000
	(h) Components, parts and associated equipment	1	434,299
	(i) Technical data	1	25,000
	<i>Category IV Value Total</i>	602	474,299
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	1	32,000,000
	(f) Components, parts and associated equipment	12	9,450
	<i>Category VI Value Total</i>	13	32,009,450
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	4	810,444
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	1	13,000,000
	(g) Components, parts and associated equipment	6,058	47,436,690
	(h) Technical data	153	555,000
	<i>Category VII Value Total</i>	6,216	61,802,134
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	2	13,806,646
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	31	108,128
	(h) Components, parts and associated equipment	1,514	32,370,343

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
KUWAIT (cont.)			
Category VIII (cont.)	Aircraft and Associated Equipment		
	(i) Technical data	2	3,000
	<i>Category VIII Value Total</i>	1,549	46,288,117
Category IX	Military Training Equipment and Training		
	(a) Training equipment	171	21,133,467
	(b) Simulation devices for the items covered by this subchapter	48	30,416,953
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1	68,000
	(d) Components, parts and associated equipment	9	76,175
	(e) Technical data	8	52,700
	<i>Category IX Value Total</i>	237	51,747,295
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1,958	749,577
	<i>Category X Value Total</i>	1,958	749,577
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	10	220
	(a)(3)(vi) Ground air traffic control radar	2	10,000,000
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	30,114	37,359,528
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	58	1,049,800
	(c) Components, parts and associated equipment	353	31,181,584
	(d) Technical data	33	130,600
	<i>Category XI Value Total</i>	30,570	79,721,732
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	60,005	115,284,784
	*(b) Lasers	4	5,000
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	2	131,962

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
KUWAIT (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	8	38,304
	(e) Components, parts and associated equipment	3,065	1,327,027
	(f) Technical data	24	2,501
	<i>Category XII Value Total</i>	63,108	116,789,578
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	29	290,000
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, of from chemical reaction	4,000	920,000
	<i>Category XIII Value Total</i>	4,029	1,210,000
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	2,000	37,010
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,313	10,422,605
	(m) Technical data	1	22,000
	<i>Category XIV Value Total</i>	3,314	10,481,615
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	(e) Technical data	1	10
	<i>Category XVI Value Total</i>	1	10
	KUWAIT Country Total Authorized	2,856,054	668,714,033
	KUWAIT Country Total Shipments		1,474,238,000
KYRGYZSTAN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1	569
	<i>Category I Value Total</i>	1	569
	KYRGYZSTAN Country Total Authorized	1	569
	KYRGYZSTAN Country Total Shipments		25,287,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
LAOS	Category IV		
	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	1	200,000
	<i>Category IV Value Total</i>	1	200,000
	LAOS Country Total Authorized	1	200,000
	LAOS Country Total Shipments		-
LATVIA	Category I		
	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	304	129,374
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	15	134
	(h) Components, parts and associated equipment	100	3,750
	<i>Category I Value Total</i>	419	133,258
	Category III		
	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	8,200	6,314
	(d)(3) All other components, parts, and associated equipment	17,500	3,150
	<i>Category III Value Total</i>	25,700	9,464
	Category IV		
	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	1	1,753
	<i>Category IV Value Total</i>	1	1,753
	Category VIII		
	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	1	8,622
	<i>Category VIII Value Total</i>	1	8,622
	Category X		
	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	291	23,424
	<i>Category X Value Total</i>	291	23,424
	Category XI		
	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	119	2,551,145
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	8	80,000
	(c) Components, parts and associated equipment	125	938,135
	(d) Technical data	297	469,011
	<i>Category XI Value Total</i>	549	4,038,291

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
LATVIA (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	3	1,971
	(e) Components, parts and associated equipment	411	52,492
	(f) Technical data	1,914	404,463
	<i>Category XII Value Total</i>	2,328	458,926
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	6	2,000,000
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, of from chemical reaction	26	21,840
	<i>Category XIII Value Total</i>	32	2,021,840
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	498	548,690
	<i>Category XIV Value Total</i>	498	548,690
	LATVIA Country Total Authorized	29,405	7,189,805
	LATVIA Country Total Shipments		3,912,000
LEBANON			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	5,401	3,666,359
	*(b) Fully automatic firearms	30	28,025
	(f) Riflescopes	15	17,250
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	403	132,831
	(h) Components, parts and associated equipment	17,192	178,823
	(i) Technical data	2	200,000
	<i>Category I Value Total</i>	23,043	4,223,288
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	15,836,040	1,832,682
	(d)(3) All other components, parts, and associated equipment	1,000	40
	(e) Technical data	14	14,000
	<i>Category III Value Total</i>	15,837,054	1,846,722
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	2,521	246,035
	(h) Technical data	1	500
	<i>Category VII Value Total</i>	2,522	246,535

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
LEBANON (cont.)			
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	2	10,000
	<i>Category VIII Value Total</i>	2	10,000
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	134	74,276
	<i>Category X Value Total</i>	134	74,276
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	15	19,785
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	60	195,780
	(e) Components, parts and associated equipment	5	3,260
	<i>Category XII Value Total</i>	80	218,825
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(m) Technical data	2	2,000
	<i>Category XIV Value Total</i>	2	2,000
	LEBANON Country Total Authorized	15,862,837	6,621,646
	LEBANON Country Total Shipments		7,194,000
LIBERIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	795	416,877
	(h) Components, parts and associated equipment	421	36,300
	(i) Technical data	3	910,000
	<i>Category I Value Total</i>	1,219	1,363,177
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	379,000	102,250
	<i>Category III Value Total</i>	379,000	102,250

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
LIBERIA (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	252	11,169
	<i>Category IV Value Total</i>	252	11,169
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	1	50,000
	<i>Category XI Value Total</i>	1	50,000
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	500	83,905
	(m) Technical data	1	90,000
	<i>Category XIV Value Total</i>	501	173,905
	LIBERIA Country Total Authorized	380,973	1,700,501
	LIBERIA Country Total Shipments		889,000
LIBYA			
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	370	1,141,160
	<i>Category V Value Total</i>	370	1,141,160
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	25,130	45,046,788
	<i>Category VIII Value Total</i>	25,130	45,046,788
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	8	56,018
	<i>Category XI Value Total</i>	8	56,018
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(e) Components, parts and associated equipment	4	9,698
	<i>Category XII Value Total</i>	4	9,698
	LIBYA Country Total Authorized	25,512	46,253,664
	LIBYA Country Total Shipments		842,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
LIECHTENSTEIN			
Category III	Ammunition/Ordnance		
	(e) Technical data	6	240
	<i>Category III Value Total</i>	6	240
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(e) Components, parts and associated equipment	3	6,255
	<i>Category XII Value Total</i>	3	6,255
	LIECHTENSTEIN Country Total Authorized	9	6,495
	LIECHTENSTEIN Country Total Shipments		-
LITHUANIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	854	363,817
	(f) Riflescopes	8	3,192
	(h) Components, parts and associated equipment	310	202,879
	<i>Category I Value Total</i>	1,172	569,888
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	23,000	1,840
	(d)(3) All other components, parts, and associated equipment	10,000	1,900
	<i>Category III Value Total</i>	33,000	3,740
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	2	23,000
	<i>Category IV Value Total</i>	2	23,000
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	11	198,762
	<i>Category VII Value Total</i>	11	198,762
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	203	656,156
	(i) Technical data	1	100
	<i>Category VIII Value Total</i>	204	656,256
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	96	71,520
	(d) Components, parts and associated equipment	8	5,600
	<i>Category X Value Total</i>	104	77,120
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	1	1,659

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
LITHUANIA (cont.)			
Category XI (cont.)	Military Electronics		
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	1	7,075
	(c) Components, parts and associated equipment	41	45,080
	(d) Technical data	1,688	337,000
	<i>Category XI Value Total</i>	<i>1,731</i>	<i>390,814</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	17	773,397
	(e) Components, parts and associated equipment	144	4,177
	<i>Category XII Value Total</i>	<i>161</i>	<i>777,574</i>
	LITHUANIA Country Total Authorized	36,385	2,697,154
	LITHUANIA Country Total Shipments		943,000
LUXEMBOURG			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	48	46,614
	(h) Components, parts and associated equipment	305	6,300
	<i>Category I Value Total</i>	<i>353</i>	<i>52,914</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	40	16,361
	(h) Components, parts and associated equipment	666	9,034,698
	(i) Technical data	1	100
	<i>Category IV Value Total</i>	<i>707</i>	<i>9,051,159</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	94,127	2,174,585
	(h) Technical data	7	38,500
	<i>Category VII Value Total</i>	<i>94,134</i>	<i>2,213,085</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	103,126	45,089,159
	(i) Technical data	1	100
	<i>Category VIII Value Total</i>	<i>103,127</i>	<i>45,089,259</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
LUXEMBOURG (cont.)			
Category X	Protective Personnel Equipment and Shelters		
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	6	3,240
	<i>Category X Value Total</i>	6	3,240
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	11	24,805
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	40	199,720
	(c) Components, parts and associated equipment	2,645	2,405,208
	(d) Technical data	24	101,776
	<i>Category XI Value Total</i>	2,720	2,731,509
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1	5,200
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	480,950
	(e) Components, parts and associated equipment	16	5,176,291
	<i>Category XII Value Total</i>	18	5,662,441
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	4	1,000,000
	<i>Category XIII Value Total</i>	4	1,000,000
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	115	717,988
	(f) Technical data	10	700,000
	<i>Category XV Value Total</i>	125	1,417,988

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
LUXEMBOURG			
(cont.)			
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	3	2,500
	<i>Category XXI Value Total</i>	3	2,500
	LUXEMBOURG Country Total Authorized	201,197	67,224,095
	LUXEMBOURG Country Total Shipments		44,199,000
MACEDONIA			
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	6	1,631
	<i>Category VII Value Total</i>	6	1,631
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	11	55,000
	<i>Category VIII Value Total</i>	11	55,000
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	24	22,600
	(d) Components, parts and associated equipment	7	273
	<i>Category X Value Total</i>	31	22,873
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	273	3,162,676
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	3	54,324
	(c) Components, parts and associated equipment	345	409,900
	(d) Technical data	1	2,500
	<i>Category XI Value Total</i>	622	3,629,400
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	112	135,786
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	183	1,433,068
	(e) Components, parts and associated equipment	100	3,695
	<i>Category XII Value Total</i>	395	1,572,549

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
MACEDONIA (cont.)			
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	* (c) Nuclear radiation detection and measurement devices	15	52,260
	<i>Category XVI Value Total</i>	15	52,260
	MACEDONIA Country Total Authorized	1,080	5,333,713
	MACEDONIA Country Total Shipments		6,492,000
MALAYSIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	14,078	17,339,099
	(f) Riflescopes	6,000	3,482,000
	(h) Components, parts and associated equipment	56,399	572,390
	(i) Technical data	1	50
	<i>Category I Value Total</i>	76,478	21,393,539
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	18	20,475
	<i>Category II Value Total</i>	18	20,475
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II articles	1,387,380	5,596,302
	* (d)(2) Safing, arming, and fuzing components	9,503	428,100
	(d)(3) All other components, parts, and associated equipment	11,937,700	3,885,519
	(e) Technical data	6	85,202
	<i>Category III Value Total</i>	13,334,589	9,995,123
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	4,927	599,129
	(i) Technical data	6	2,220
	<i>Category IV Value Total</i>	4,933	601,349
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	* (a) Explosives	500	90,385
	(c) Pyrotechnics, fuels, and related substances	1,080	243,715
	(d) Oxidizers	480	23,280
	<i>Category V Value Total</i>	2,060	357,380
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	2	3,543
	<i>Category VI Value Total</i>	2	3,543
Category VII	Tanks and Military Vehicles		
	* (f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	56	1,559,256
	(g) Components, parts and associated equipment	1,364	20,453,689

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
MALAYSIA (cont.)			
Category VII (cont.)	Tanks and Military Vehicles		
	(h) Technical data	3	300
	<i>Category VII Value Total</i>	1,423	22,013,245
Category VIII	Aircraft and Associated Equipment		
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	74	135,201
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	10	944,840
	(h) Components, parts and associated equipment	92,036	121,249,219
	(i) Technical data	35	5,416
	<i>Category VIII Value Total</i>	92,155	122,334,676
Category IX	Military Training Equipment and Training		
	(a) Training equipment	2	1,527,700
	(d) Components, parts and associated equipment	6	6,300
	(e) Technical data	3	201
	<i>Category IX Value Total</i>	11	1,534,201
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	69	106,660
	(d) Components, parts and associated equipment	1,559	22,075
	<i>Category X Value Total</i>	1,628	128,735
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	4	193,200
	*(a)(4) Electronic combat equipment	4	1,410,550
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	120	3,742,536
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	1	5,493,597
	(c) Components, parts and associated equipment	3,771	1,268,308
	(d) Technical data	352	781,407
	<i>Category XI Value Total</i>	784	14,785,056
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	110	361,748
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	782	4,937,086

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
MALAYSIA (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	20	181,797
	(e) Components, parts and associated equipment	3,771	1,268,308
	(f) Technical data	6	600
	<i>Category XII Value Total</i>	4,689	6,749,539
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	249	2,126,678
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	1	45
	<i>Category XIII Value Total</i>	250	2,126,723
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	15,727	382,114
	<i>Category XIV Value Total</i>	15,727	382,114
Category XV	Spacecraft Systems and Associated Equipment		
	*(a) Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	1	67,000,000
	<i>Category XV Value Total</i>	1	67,000,000
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	16	94,640
	<i>Category XXI Value Total</i>	16	94,640
	MALAYSIA Country Total Authorized	13,534,764	269,520,338
	MALAYSIA Country Total Shipments		69,989,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
MALDIVES, REPUBLIC OF			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	(i) Technical data	1	100
	<i>Category I Value Total</i>	1	100
Category II	Guns and Armament		
	(k) Technical data	1	100
	<i>Category II Value Total</i>	1	100
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(f) Technical data	6	150,000
	<i>Category XII Value Total</i>	6	150,000
	MALDIVES, REPUBLIC OF Country Total Authorized		
	MALDIVES, REPUBLIC OF Country Total Shipments	8	150,200
			-
MALTA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	398	123,261
	(h) Components, parts and associated equipment	8	640
	<i>Category I Value Total</i>	406	123,901
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	12	807
	<i>Category XI Value Total</i>	12	807
	MALTA Country Total Authorized	418	124,708
	MALTA Country Total Shipments		150,000
MAURITANIA			
Category XXI	Miscellaneous Articles		
	(b) Technical data	1	100,000
	<i>Category XXI Value Total</i>	1	100,000
	MAURITANIA Country Total Authorized	1	100,000
	MAURITANIA Country Total Shipments		34,000
MEXICO			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	13,671	10,673,271
	*(b) Fully automatic firearms	121	133,100
	*(c) Firearms and other weapons	15,263	11,699,954
	(f) Riflescopes	33	27,680
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	358	82,728

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
MEXICO (cont.)			
Category I (cont.)	Firearms, Close Assault Weapons and Combat Shotguns		
	(h) Components, parts and associated equipment	17,057	405,264
	(i) Technical data	2	1,000
	<i>Category I Value Total</i>	46,505	23,022,997
Category II	Guns and Armament		
	(g) Tooling and equipment	3	7,330
	(h) Test and evaluation equipment	4	725
	(j) Components, parts and associated equipment	1,728	581,911
	(k) Technical data	1	1,000
	<i>Category II Value Total</i>	1,736	590,966
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	4,678,936	943,929
	(c) Equipment and tooling	12	6,258
	(d)(3) All other components, parts, and associated equipment	120,200	1,164,176
	<i>Category III Value Total</i>	4,799,148	2,114,363
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	248	360,654
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	1	35,785
	(h) Components, parts and associated equipment	100	2,625,000
	(i) Technical data	432	54,800
	<i>Category IV Value Total</i>	781	3,076,239
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	33,954	6,430,346
	*(b) Propellants	4	92
	(c) Pyrotechnics, fuels, and related substances	15,000	96,700
	*(e) Binders	180,000	24,120,000
	<i>Category V Value Total</i>	228,958	30,647,138
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	7	34,507,898
	(f) Components, parts and associated equipment	40,090	17,466,751
	(g) Technical data	66	2,684,948
	<i>Category VI Value Total</i>	40,163	54,659,597

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
MEXICO (cont.)			
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	1	273,551
	(g) Components, parts and associated equipment	182,827	41,211,477
	(h) Technical data	35	288,420
	<i>Category VII Value Total</i>	<i>182,863</i>	<i>41,773,448</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	3	42,021,656
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	6	223,640
	(h) Components, parts and associated equipment	90,938	88,011,620
	(i) Technical data	4,730	221,770
	<i>Category VIII Value Total</i>	<i>95,677</i>	<i>130,478,686</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	1	1,000
	(b) Simulation devices for the items covered by this subchapter	105	1,048,669
	(d) Components, parts and associated equipment	2	32,646,179
	(e) Technical data	3	300
	<i>Category IX Value Total</i>	<i>111</i>	<i>33,696,148</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	9,559	2,763,275
	(d) Components, parts and associated equipment	9	600
	<i>Category X Value Total</i>	<i>9,568</i>	<i>2,763,875</i>
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	1	64,205
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	4	165,004
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	1	265,731
	(c) Components, parts and associated equipment	17,927,814	436,846,867
	(d) Technical data	91	78,634
	<i>Category XI Value Total</i>	<i>17,927,911</i>	<i>437,420,441</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
MEXICO (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	12	1,518,200
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	3	90,623
	(e) Components, parts and associated equipment	133	641,968
	(f) Technical data	5	11,520
	<i>Category XII Value Total</i>	<i>153</i>	<i>2,262,311</i>
Category XIII	Auxiliary Military Equipment		
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	652	516,053
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	2	181,160
	(f) Structural materials	4	301
	<i>Category XIII Value Total</i>	<i>658</i>	<i>697,514</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	5,650	37,336
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	352,100	8,247,981
	<i>Category XIV Value Total</i>	<i>357,750</i>	<i>8,285,317</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	140	7,607,000
	(f) Technical data	3	52,000
	<i>Category XV Value Total</i>	<i>143</i>	<i>7,659,000</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
MEXICO (cont.)			
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	1,177	217,131
	<i>Category XX Value Total</i>	1,177	217,131
	MEXICO Country Total Authorized	23,693,302	779,366,251
	MEXICO Country Total Shipments		203,563,000
MOROCCO			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* (b) Launch vehicles and missile and anti-missile systems	57	1,317
	(h) Components, parts and associated equipment	235	700
	(i) Technical data	10	200
	<i>Category IV Value Total</i>	302	2,217
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	60	2,280
	<i>Category V Value Total</i>	60	2,280
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	20	6,208
	<i>Category VI Value Total</i>	20	6,208
Category VII	Tanks and Military Vehicles		
	* (a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	88	17,000,000
	* (f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	59	1,761,150
	(g) Components, parts and associated equipment	1,379	1,424,902
	(h) Technical data	93	17,020,400
	<i>Category VII Value Total</i>	1,531	20,206,452
Category VIII	Aircraft and Associated Equipment		
	* (b) Military aircraft engines	3	600,000
	(h) Components, parts and associated equipment	84,325	59,479,580
	(i) Technical data	4	1,601
	<i>Category VIII Value Total</i>	84,332	60,081,181
Category IX	Military Training Equipment and Training		
	(a) Training equipment	1	80,000
	<i>Category IX Value Total</i>	1	80,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
MOROCCO (cont.)			
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	2,350	67,480
	(d) Components, parts and associated equipment	15	1,635
	<i>Category X Value Total</i>	2,365	69,115
Category XI	Military Electronics		
	*(a)(3)(i) Search radar	12	1,470,000
	(a)(3)(vi) Ground air traffic control radar	150	119,500
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	27	684,930
	(c) Components, parts and associated equipment	3,167	2,474,667
	(d) Technical data	47	107,301
	<i>Category XI Value Total</i>	3,403	4,856,398
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	3	369,015
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	2	283,164
	(e) Components, parts and associated equipment	15	13,200
	(f) Technical data	9	2,531
	<i>Category XII Value Total</i>	29	667,910
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	170	2,043
	<i>Category XIII Value Total</i>	170	2,043
	MOROCCO Country Total Authorized	92,213	85,973,804
	MOROCCO Country Total Shipments		28,883,000
NAMBIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	595	198,922
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	49	23,440
	(h) Components, parts and associated equipment	9	441
	<i>Category I Value Total</i>	653	222,803
Category III	Ammunition/Ordnance		
	(d)(3) All other components, parts, and associated equipment	2,300	1,655
	<i>Category III Value Total</i>	2,300	1,655
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	128	59,655
	<i>Category XI Value Total</i>	128	59,655

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NAMBIA (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	2	6,126
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance , control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	67,595
	<i>Category XII Value Total</i>	3	73,721
	NAMBIA Country Total Authorized	3,084	357,834
	NAMBIA Country Total Shipments		601,000
NEPAL			
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	1	500
	<i>Category VIII Value Total</i>	1	500
Category XI	Military Electronics		
	(d) Technical data	1	154,096
	<i>Category XI Value Total</i>	1	154,096
	NEPAL Country Total Authorized	2	154,596
	NEPAL Country Total Shipments		137,000
NETHERLANDS			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	499	361,970
	*(e) Silencers, mufflers, sound and flash suppressors	75	80,925
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	128	36,569
	(h) Components, parts and associated equipment	3,925	156,496
	<i>Category I Value Total</i>	4,627	635,960
Category II	Guns and Armament		
	*(a) Guns over caliber .50	100	24,463,882
	(g) Tooling and equipment	35	71,337
	(j) Components, parts and associated equipment	275	3,824,738
	(k) Technical data	5	2,500
	<i>Category II Value Total</i>	415	28,362,457

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NETHERLANDS (cont.)			
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	13,221,400	1,557,578
	(b) Ammunition/ordnance handling equipment	447	85,702
	(c) Equipment and tooling	344	334,060
	*(d)(1) Guidance and control components	2,052	222,477
	(d)(3) All other components, parts, and associated equipment	3,857,850	1,295,621
	(e) Technical data	2	11,251
	<i>Category III Value Total</i>	17,082,095	3,506,689
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	5,000	30,600
	*(b) Launch vehicles and missile and anti-missile systems	7	11,394,137
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	10	1,936,922
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	24	708
	(h) Components, parts and associated equipment	22,420	8,619,073
	(i) Technical data	6	822
	<i>Category IV Value Total</i>	27,467	21,982,262
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	17	12,860
	*(b) Propellants	1	22
	(c) Pyrotechnics, fuels, and related substances	4	1,300
	*(e) Binders	5	475
	<i>Category V Value Total</i>	27	14,657
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	22,790	64,501
	(g) Technical data	4	500
	<i>Category VI Value Total</i>	22,794	65,001
Category VII	Tanks and Military Vehicles		
	(c) Military trucks, trailers, hoists, and skids specifically designed, modified, or equipped to mount or carry weapons	2	75,000
	(g) Components, parts and associated equipment	458,901	3,785,679
	(h) Technical data	31,673	729,055
	<i>Category VII Value Total</i>	490,576	4,589,734

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NETHERLANDS			
(cont.)			
Category VIII	Aircraft and Associated Equipment		
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	25	2,986,717
	* (b) Military aircraft engines	1	500,000
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	8	508,920
	(h) Components, parts and associated equipment	191,021	889,340
	(i) Technical data	200	78,646
	<i>Category VIII Value Total</i>	<i>191,255</i>	<i>165,963,623</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	128	35,927
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	6	5,002
	(d) Components, parts and associated equipment	8	40,773
	(e) Technical data	23	55,722
	<i>Category IX Value Total</i>	<i>165</i>	<i>137,424</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1,571	2,299,222
	(b) Permanent or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter	58	17,385
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1,230	140,200
	(d) Components, parts and associated equipment	13,610	622,330
	<i>Category X Value Total</i>	<i>16,469</i>	<i>3,079,137</i>
Category XI	Military Electronics		
	* (a)(1) Underwater sound equipment	140	51,800
	* (a)(3)(iii) Tracking radar	2	168,500
	* (a)(4) Electronic combat equipment	26,089	3,911,552
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	127	11,324,266
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	38	1,213,340
	* (b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	47	20,390,406
	(c) Components, parts and associated equipment	75,770	21,039,869

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NETHERLANDS			
(cont.)			
Category XI (cont.)	Military Electronics		
	(d) Technical data	177	348,077
	<i>Category XI Value Total</i>	102,390	58,447,810
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	240	1,356,373
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	137	2,512,037
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance , control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1,399	6,740,237
	(e) Components, parts and associated equipment	7,134	4,328,634
	(f) Technical data	2	200
	<i>Category XII Value Total</i>	8,961	14,667,886
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	3	74,084
	(c) Self-contained diving and underwater breathing apparatus	4	4,000,000
	(g) Concealment and deception equipment	12	642
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, pr from chemical reaction	8,650	535,842
	(l) Technical data	2	200
	<i>Category XIII Value Total</i>	8,671	4,610,768
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents, and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	51,578	2,387,772
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	148	2,483
	(m) Technical data	2	10
	<i>Category XIV Value Total</i>	51,728	2,390,265

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NETHERLANDS (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	3	5,250
	(d) Radiation-hardened microelectronics	811	106,347
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	6,381	4,754,574
	(f) Technical data	60	139,030
	<i>Category XV Value Total</i>	7,255	5,005,201
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	*(b) Swimmer delivery vehicles	8	631,450
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	65	530,049
	<i>Category XX Value Total</i>	73	1,161,499
	NETHERLANDS Country Total Authorized	18,014,968	314,620,373
	NETHERLANDS Country Total Shipments		494,982,000
NETHERLANDS ANTILLES			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	(h) Components, parts and associated equipment	5	868
	<i>Category I Value Total</i>	5	868
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	226,000	40,640
	(d)(3) All other components, parts, and associated equipment	900	234
	<i>Category III Value Total</i>	226,900	40,874
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	60	141,065
	<i>Category VII Value Total</i>	60	141,065
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	277	3,003,654
	(i) Technical data	48	9,600
	<i>Category VIII Value Total</i>	325	3,013,254
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	48	1,200,000
	<i>Category XI Value Total</i>	48	1,200,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NETHERLANDS			
ANTILLES (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	8	1,440,000
	<i>Category XII Value Total</i>	8	1,440,000
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	40	720,000
	<i>Category XIII Value Total</i>	40	720,000
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1	22,000
	<i>Category XV Value Total</i>	1	22,000
	NETHERLANDS ANTILLES Country Total Authorized	227,387	6,578,061
	NETHERLANDS ANTILLES Country Total Shipments		10,170,000
NEW CALEDONIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,010	376,208
	(h) Components, parts and associated equipment	192	1,989
	<i>Category I Value Total</i>	1,202	378,197
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	858,300	288,695
	(d)(3) All other components, parts, and associated equipment	130,250	30,884
	<i>Category III Value Total</i>	988,550	319,579
	NEW CALEDONIA Country Total Authorized	989,752	697,776
	NEW CALEDONIA Country Total Shipments		772,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NEW ZEALAND			
Category I	Firearms, Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	31,610	8,316,866
	*(c) Firearms and other weapons	16	158,288
	*(e)		
	Silencers, mufflers, sound and flash suppressors	6	4,305
	(f) Riflescopes	103	77,335
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	3,909	707,408
	(h) Components, parts and associated equipment	11,831	492,997
	<i>Category I Value Total</i>	<i>47,475</i>	<i>9,757,199</i>
Category II	Guns and Armament		
	(g) Tooling and equipment	103	529,484
	(j) Components, parts and associated equipment	258	1,075,956
	(k) Technical data	100	1,000
	<i>Category II Value Total</i>	<i>461</i>	<i>1,606,440</i>
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	8,470,950	1,510,775
	*(d)(1) Guidance and control components	918	2,264
	(d)(3) All other components, parts, and associated equipment	16,598,138	1,025,421
	(e) Technical data	3	300
	<i>Category III Value Total</i>	<i>25,070,009</i>	<i>2,538,760</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(b) Launch vehicles and missile and anti-missile systems	20	495,000
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	14	12,808
	(h) Components, parts and associated equipment	144	27,039
	<i>Category IV Value Total</i>	<i>178</i>	<i>534,847</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	2,685	66,178
	*(b) Propellants	4,412	28,016
	(h) Technical data	1	1
	<i>Category V Value Total</i>	<i>7,098</i>	<i>94,195</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	100	78,914
	(g) Technical data	1	20,000
	<i>Category VI Value Total</i>	<i>101</i>	<i>98,914</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NEW ZEALAND (cont.)			
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	5	90,000
	(h) Technical data	12	205,100
	<i>Category VII Value Total</i>	17	295,100
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	2	3,400,000
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	48	65,640
	(h) Components, parts and associated equipment	20,963	40,548,399
	(i) Technical data	23	130,966
	<i>Category VIII Value Total</i>	20,766	44,145,005
Category IX	Military Training Equipment and Training		
	(a) Training equipment	120	1,158,381
	(e) Technical data	160	1,641
	<i>Category IX Value Total</i>	280	1,160,022
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	286	59,082
	(d) Components, parts and associated equipment	200	100,506
	<i>Category X Value Total</i>	486	159,588
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	144	255,024
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	1,104	1,274,856
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	69	1,220,497
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	20	497,585
	(c) Components, parts and associated equipment	1,309	1,364,294
	(d) Technical data	13	8,916
	<i>Category XI Value Total</i>	2,659	4,621,172
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	7	4,930
	*(b) Lasers	476	628,429

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NEW ZEALAND (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	188	1,518,527
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance , control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	38	623,741
	(e) Components, parts and associated equipment	3,089	655,836
	(f) Technical data	10	5,550
	<i>Category XII Value Total</i>	<i>3,808</i>	<i>3,437,013</i>
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	2,855	2,217,760
	(c) Self-contained diving and underwater breathing apparatus	81	1,021,690
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	24	53,739
	(i) Technical data	1	1
	<i>Category XIII Value Total</i>	<i>2,961</i>	<i>3,293,190</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents, and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	235	25,397
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	2,004	29,318
	<i>Category XIV Value Total</i>	<i>2,239</i>	<i>54,715</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NEW ZEALAND (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	450	249,000
	(f) Technical data	1	500
	<i>Category XV Value Total</i>	451	249,500
	NEW ZEALAND Country Total Authorized	25,158,989	72,045,660
	NEW ZEALAND Country Total Shipments		50,009,000
NICARAGUA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	2,602	406,997
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	30	4,500
	(h) Components, parts and associated equipment	1,135	12,975
	<i>Category I Value Total</i>	3,767	424,472
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	10,333,120	494,745
	(d)(3) All other components, parts, and associated equipment	1,030,000	20,600
	<i>Category III Value Total</i>	11,363,120	515,345
	NICARAGUA Country Total Authorized	11,366,887	939,817
	NICARAGUA Country Total Shipments		512,000
NIGER			
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	3	3,023,860
	<i>Category VIII Value Total</i>	3	3,023,860
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	500	700
	<i>Category XII Value Total</i>	500	700
	NIGER Country Total Authorized	503	3,024,560
	NIGER Country Total Shipments		35,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NIGERIA			
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	100,000	12,000
	<i>Category III Value Total</i>	<i>100,000</i>	<i>12,000</i>
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	40	60,000
	<i>Category VI Value Total</i>	<i>40</i>	<i>60,000</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	885	1,028,856
	<i>Category VII Value Total</i>	<i>885</i>	<i>1,028,856</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	111	5,066,389
	(i) Technical data	12	645
	<i>Category VIII Value Total</i>	<i>123</i>	<i>5,067,034</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	580	103,820
	<i>Category X Value Total</i>	<i>580</i>	<i>103,820</i>
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	1	308,972
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	5	195,675
	(c) Components, parts and associated equipment	111	252,698
	<i>Category XI Value Total</i>	<i>117</i>	<i>757,345</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	75	470,850
	(e) Components, parts and associated equipment	21	23,300
	<i>Category XII Value Total</i>	<i>96</i>	<i>494,150</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	2	1,937,634
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	758	389,057
	(f) Technical data	2	1,100
	<i>Category XV Value Total</i>	<i>762</i>	<i>2,327,791</i>
	NIGERIA Country Total Authorized	102,603	9,850,996
	NIGERIA Country Total Shipments		2,000,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NORWAY			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	6,185	3,314,412
	*(e) Silencers, mufflers, sound and flash suppressors	236	97,386
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	401	198,566
	(h) Components, parts and associated equipment	8,293	292,380
	(i) Technical data	4	301
	<i>Category I Value Total</i>	<i>15,119</i>	<i>3,903,045</i>
Category II	Guns and Armament		
	(g) Tooling and equipment	1	2,458
	(j) Components, parts and associated equipment	388	365,318
	(k) Technical data	3	300
	<i>Category II Value Total</i>	<i>392</i>	<i>368,076</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	19,413,500	4,312,008
	(b) Ammunition/ordnance handling equipment	233,490	927,260
	*(d)(1) Guidance and control components	400,000	312,000
	*(d)(2) Safing, arming, and fuzing components	117,500	471,695
	(d)(3) All other components, parts, and associated equipment	41,775,580	2,611,034
	(e) Technical data	2	101
	<i>Category III Value Total</i>	<i>61,940,072</i>	<i>8,634,098</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	11,518	3,199,460
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	1,000	43,980
	(h) Components, parts and associated equipment	45,955	2,390,617
	(i) Technical data	32	26,554
	<i>Category IV Value Total</i>	<i>58,505</i>	<i>5,660,611</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	8,200	226,643
	*(b) Propellants	26,000	406,420
	(d) Oxidizers	33,662	242,333
	*(e) Binders	3,280	27,880
	(f) Additives	152	31,195
	(h) Technical data	5	500
	<i>Category V Value Total</i>	<i>71,299</i>	<i>934,971</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NORWAY (cont.)			
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	16	25,739
	(g) Technical data	14	1,300
	<i>Category VI Value Total</i>	30	27,039
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	1	122,656
	(g) Components, parts and associated equipment	35,877	6,073,917
	(h) Technical data	78	143,250
	<i>Category VII Value Total</i>	35,956	6,339,823
Category VIII	Aircraft and Associated Equipment		
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	1	3,000
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	105	2,919,000
	*(g) Ground effect machines and components, parts, and associated equipment specifically designed for use with such machines	3	40,347
	(h) Components, parts and associated equipment	42,015	70,753,429
	(i) Technical data	2,710	28,500
	<i>Category VIII Value Total</i>	44,834	73,744,276
Category IX	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	1	100
	(e) Technical data	4	2,800
	<i>Category IX Value Total</i>	5	2,900
Category X	Protective Personnel Equipment and Shelters		32,963
	(a) Protective personnel equipment	18	4,500,000
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1	165,744
	(d) Components, parts and associated equipment	130	4,698,707
	<i>Category X Value Total</i>	149	
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	2,020	3,168,000
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	36	31,320
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	3,097	11,533,327

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NORWAY (cont.)			
Category XI (cont.)	Military Electronics		
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	1	300,000
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	60	466,567
	(c) Components, parts and associated equipment	13,836	43,277,714
	(d) Technical data	163	495,524
	<i>Category XI Value Total</i>	19,213	59,272,452
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	157	2,900,200
	*(b) Lasers	533	842,543
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	10,652	17,043,028
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance , control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	259	2,609,227
	(e) Components, parts and associated equipment	43,464	3,511,362
	(f) Technical data	79	3,659
	<i>Category XII Value Total</i>	55,144	26,910,019
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	2	20,374
	(c) Self-contained diving and underwater breathing apparatus	3	3,000,000
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	1,500	115,890
	<i>Category XIII Value Total</i>	1,505	3,136,264

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
NORWAY (cont.)			
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents, and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	11,817	301,751
	(m) Technical data	3	300
	<i>Category XIV Value Total</i>	<i>11,820</i>	<i>202,051</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(d) Radiation-hardened microelectronics	2	1,174
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	41	998,546
	(f) Technical data	7	35,374
	<i>Category XV Value Total</i>	<i>50</i>	<i>1,035,094</i>
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	*(a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	1	559,733
	<i>Category XX Value Total</i>	<i>1</i>	<i>559,733</i>
	NORWAY Country Total Authorized	62,254,094	195,429,159
	NORWAY Country Total Shipments		151,962,000
OMAN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	5,440	1,931,469
	(f) Riflescopes	2,000	798,000
	(h) Components, parts and associated equipment	94,674	1,058,505
	<i>Category I Value Total</i>	<i>102,114</i>	<i>3,787,974</i>
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	15	154,450
	<i>Category II Value Total</i>	<i>15</i>	<i>154,450</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	188,000	125,000
	<i>Category III Value Total</i>	<i>188,000</i>	<i>125,000</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	40	8,865

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
OMAN (cont.)			
Category IV (cont.)	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(i) Technical data	1	2,000
	<i>Category IV Value Total</i>	41	10,865
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	540	2,247,488
	(g) Technical data	4	32,001,002
	<i>Category VI Value Total</i>	544	34,248,490
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	3,231	255,136
	(h) Technical data	2,562	46,355
	<i>Category VII Value Total</i>	5,793	301,491
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	4	102,353
	(h) Components, parts and associated equipment	5,491	20,386,358
	(i) Technical data	14	402
	<i>Category VIII Value Total</i>	5,509	20,489,113
Category X	Protective Personnel Equipment and Shelters		
	(b) Permanent or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter	1	360,720
	<i>Category X Value Total</i>	1	360,720
Category XI	Military Electronics		
	*(a)(4) Electronic combat equipment	6	2,592
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	14	2,460,649
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	2	49,580
	(c) Components, parts and associated equipment	984	2,089,430
	(d) Technical data	1,010	28,250
	<i>Category XI Value Total</i>	2,016	4,630,501
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	5	135,610
	(e) Components, parts and associated equipment	34	214,274

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
OMAN (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(f) Technical data	22	6,675
	<i>Category XII Value Total</i>	61	356,559
	OMAN Country Total Authorized	304,094	64,465,163
	OMAN Country Total Shipments		15,767,000
PAKISTAN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,220	797,005
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	13	15,456
	(h) Components, parts and associated equipment	885	93,559
	<i>Category I Value Total</i>	<i>2,118</i>	<i>906,020</i>
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	270	93,312
	<i>Category II Value Total</i>	<i>270</i>	<i>93,312</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	2,100	6,340
	(d)(3) All other components, parts, and associated equipment	10,915	33,236
	(e) Technical data	200	25,000
	<i>Category III Value Total</i>	<i>13,215</i>	<i>64,576</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	35	71,750
	(h) Components, parts and associated equipment	917	1,955,908
	(i) Technical data	32	45,201
	<i>Category IV Value Total</i>	<i>984</i>	<i>2,072,859</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	309	465,871
	<i>Category VI Value Total</i>	<i>309</i>	<i>465,871</i>
Category VII	Tanks and Military Vehicles		
	(c) Military trucks, hoists, and skids specifically designed, modified, or equipment to mount or carry weapons	26	15,314
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	29	401,650
	(g) Components, parts and associated equipment	19,460	2,466,288
	(h) Technical data	5	500
	<i>Category VII Value Total</i>	<i>19,520</i>	<i>2,883,752</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
PAKISTAN (cont.)			
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	149,262	54,666,748
	(i) Technical data	15	6,350
	<i>Category VIII Value Total</i>	<i>149,277</i>	<i>54,673,098</i>
Category IX	Military Training Equipment and Training		
	(d) Components, parts and associated equipment	7	15,135
	(e) Technical data	14	500
	<i>Category IX Value Total</i>	<i>21</i>	<i>15,635</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1,070	571,564
	(b) Permanent or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter	1	3,000
	(d) Components, parts and associated equipment	15,544	788,989
	<i>Category X Value Total</i>	<i>16,615</i>	<i>1,363,553</i>
Category XI	Military Electronics		
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	106	21,020
	*(a)(3)(ii) Acquisition radars	3	32,994
	*(a)(3)(iv) Moving target indication radar	2	207,360
	(a)(3)(vi) Ground air traffic control radar	29	776,966
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	10	124,948
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	2	160,000
	(c) Components, parts and associated equipment	32,757	8,481,038
	(d) Technical data	1,530	209,980
	<i>Category XI Value Total</i>	<i>34,439</i>	<i>10,014,306</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	344	26,838,982
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	3	49,872
	(e) Components, parts and associated equipment	2,947	8,655,460

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
PAKISTAN (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(f) Technical data	396	17,791
	<i>Category XII Value Total</i>	3,690	35,562,105
Category XIII	Auxiliary Military Equipment		
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	601	131,212
	<i>Category XIII Value Total</i>	601	131,212
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	11	14,939
	(m) Technical data	1	10
	<i>Category XIV Value Total</i>	12	14,949
Category XV	Spacecraft Systems and Associated Equipment		
	(f) Technical data	1	1,000
	<i>Category XV Value Total</i>	1	1,000
	PAKISTAN Country Total Authorized	241,072	108,262,248
	PAKISTAN Country Total Shipments		106,806,000
PANAMA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,446	384,481
	<i>Category I Value Total</i>	1,446	384,481
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	3,358,000	464,020
	<i>Category III Value Total</i>	3,358,000	464,020
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	2,600	20,850
	<i>Category IV Value Total</i>	2,600	20,850

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
PANAMA (cont.)			
Category VI	Vessels of War and Special Naval Equipment		
	*(c) Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	24	34,858
	(g) Technical data	1	32,000,000
	<i>Category VI Value Total</i>	25	32,034,858
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	1	4,000,000
	<i>Category VIII Value Total</i>	1	4,000,000
Category XI	Military Electronics		
	(d) Technical data	1	500
	<i>Category XI Value Total</i>	1	500
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,200	26,400
	<i>Category XIV Value Total</i>	1,200	26,400
	PANAMA Country Total Authorized	3,363,273	36,931,109
	PANAMA Country Total Shipments		2,530,000
PAPUA NEW GUINEA			
Category III	Ammunition/Ordnance		
	(a) Ammunition/ordnance for Categories I&II articles	3,000	6,300
	(d)(3) All other components, parts, and associated equipment	1,000	1,450
	<i>Category III Value Total</i>	4,000	7,750
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	1,200	65,175
	<i>Category XIV Value Total</i>	1,200	65,175
	PAPUA NEW GUINEA Country Total Authorized	5,200	72,925
	PAPUA NEW GUINEA Country Total Shipments		13,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
PARAGUAY			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,136	178,265
	(h) Components, parts and associated equipment	110	1,250
	<i>Category I Value Total</i>	<i>1,236</i>	<i>179,515</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	16,850,800	523,446
	(d)(3) All other components, parts, and associated equipment	1,000,000	20,000
	<i>Category III Value Total</i>	<i>17,850,800</i>	<i>543,446</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(f) Technical data	1	150
	<i>Category XV Value Total</i>	<i>1</i>	<i>150</i>
	PARAGUAY Country Total Authorized	17,852,047	723,111
	PARAGUAY Country Total Shipments		782,000
PERU			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,765	254,382
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	25	1,702
	(h) Components, parts and associated equipment	89	2,147
	<i>Category I Value Total</i>	<i>1,879</i>	<i>258,231</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	9,463,702	1,197,770
	*(d)(2) Safing, arming, and fuzing components	1,500	7,725
	<i>Category III Value Total</i>	<i>9,465,202</i>	<i>1,205,495</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	63	43,090
	(i) Technical data	110	2,000
	<i>Category IV Value Total</i>	<i>173</i>	<i>45,090</i>
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	2	32,040,000
	<i>Category VI Value Total</i>	<i>2</i>	<i>32,040,000</i>
Category VII	Tanks and Military Vehicles		
	(c) Military trucks, hoists, and skids specifically designed, modified, or equipment to mount or carry weapons	7	325,850
	(g) Components, parts and associated equipment	8	12,296
	<i>Category VII Value Total</i>	<i>15</i>	<i>338,146</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
PERU (cont.)			
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	2	140,000
	(h) Components, parts and associated equipment	5,324	11,331,689
	(i) Technical data	2	10,000
	<i>Category VIII Value Total</i>	5,328	11,481,689
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	202	47,087
	(d) Components, parts and associated equipment	263	21,320
	<i>Category X Value Total</i>	465	68,407
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	41	7,052
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	3	92,443
	(c) Components, parts and associated equipment	8	56,870
	(d) Technical data	1,294	174,500
	<i>Category XI Value Total</i>	1,346	330,865
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	398	3,035,860
	(e) Components, parts and associated equipment	111	44,910
	(f) Technical data	7	7
	<i>Category XII Value Total</i>	516	3,080,777
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	2	765,000
	<i>Category XIII Value Total</i>	2	765,000
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	18,531	291,168
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1	1,000
	<i>Category XIV Value Total</i>	18,532	292,168
	PERU Country Total Authorized	9,493,460	49,905,868
	PERU Country Total Shipments		10,891,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
PHILIPPINES			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	25,861	7,314,508
	*(b) Fully automatic firearms	500	219,800
	*(c) Firearms and other weapons	4	8,000
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	26,868	735,353
	(h) Components, parts and associated equipment	72,768	1,448,733
	(i) Technical data	1	100
	<i>Category I Value Total</i>	<i>126,002</i>	<i>9,726,494</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	12,883,399	1,188,228
	(b) Ammunition/ordnance handling equipment	1	17,200
	*(d)(1) Guidance and control components	30,523	37,361
	(d)(3) All other components, parts, and associated equipment	120,043,561	3,121,949
	<i>Category III Value Total</i>	<i>132,957,484</i>	<i>4,364,738</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(b) Propellants	100,000	670,000
	(h) Technical data	2	2
	<i>Category V Value Total</i>	<i>100,002</i>	<i>670,002</i>
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	1	32,000,000
	<i>Category VI Value Total</i>	<i>1</i>	<i>32,000,000</i>
Category VII	Tanks and Military Vehicles		
	*(f) Engines specifically designed or modified for the vehicles in (a), (b) and (e)	6	153,660
	(g) Components, parts and associated equipment	357	812,451
	(h) Technical data	9	3,668
	<i>Category VII Value Total</i>	<i>372</i>	<i>969,779</i>
Category VIII	Aircraft and Associated Equipment		
	*(b) Military aircraft engines	1	100,000
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	11	262,856
	(h) Components, parts and associated equipment	31,109	31,365,159
	(i) Technical data	25	500
	<i>Category VIII Value Total</i>	<i>31,146</i>	<i>31,728,515</i>
Category IX	Military Training Equipment and Training		
	(e) Technical data	25	500
	<i>Category IX Value Total</i>	<i>25</i>	<i>500</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	199	204,017
	<i>Category X Value Total</i>	<i>199</i>	<i>204,017</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
PHILIPPINES (cont.)			
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	27	1,240,075
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	3	69,687
	(c) Components, parts and associated equipment	19,618,138	27,965,138
	(d) Technical data	673	321,560
	<i>Category XI Value Total</i>	<i>19,618,841</i>	<i>29,596,460</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	8	20,800
	(e) Components, parts and associated equipment	250	1,000,000
	(f) Technical data	26	600
	<i>Category XII Value Total</i>	<i>284</i>	<i>1,021,400</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	87	10,789
	<i>Category XIV Value Total</i>	<i>87</i>	<i>10,789</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	8	178,952
	<i>Category XV Value Total</i>	<i>8</i>	<i>178,952</i>
	PHILIPPINES Country Total Authorized	152,834,451	110,471,646
	PHILIPPINES Country Total Shipments		28,241,000

POLAND

Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,178	617,027
	*(b) Fully automatic firearms	1	1,295
	(f) Riflescopes	323	215,096
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	13	1,638
	(h) Components, parts and associated equipment	47	6,327

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
POLAND (cont.)			
Category I (cont.)	Firearms, Close Assault Weapons and Combat Shotguns		
	(i) Technical data	1	323,450
	<i>Category I Value Total</i>	1,563	1,164,833
Category II	Guns and Armament		
	(k) Technical data	15	1,840
	<i>Category II Value Total</i>	15	1,840
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	2,118,800	482,394
	(b) Ammunition/ordnance handling equipment	11,800	440,730
	*(d)(2) Safing, arming, and fuzing components	400	17,500
	(d)(3) All other components, parts, and associated equipment	1,293,000	958,455
	(e) Technical data	5	40,350
	<i>Category III Value Total</i>	3,424,005	1,939,429
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	52	954
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	46	29,088
	(h) Components, parts and associated equipment	1,606	80,198
	(i) Technical data	5	5,280
	<i>Category IV Value Total</i>	1,709	115,520
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	14,260	336,071
	*(b) Propellants	2,540	35,560
	(c) Pyrotechnics, fuels, and related substances	1,459	46,494
	(h) Technical data	1	100
	<i>Category V Value Total</i>	18,260	418,225
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	1	90,400
	(g) Technical data	1	100
	<i>Category VI Value Total</i>	2	90,500
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	54,441	1,575,480
	<i>Category VII Value Total</i>	54,441	1,575,480

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
POLAND (cont.)			
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	9	832,500
	(h) Components, parts and associated equipment	40,605	55,880,473
	(i) Technical data	4,874	207,119
	<i>Category VIII Value Total</i>	<i>45,488</i>	<i>56,920,092</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	79	23,621
	(d) Components, parts and associated equipment	5	229
	<i>Category X Value Total</i>	<i>84</i>	<i>23,850</i>
Category XI	Military Electronics		
	*(a)(4) Electronic combat equipment	1	64,149
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	34	1,847,509
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	498	12,536,345
	(c) Components, parts and associated equipment	1,362	4,727,761
	(d) Technical data	2,180	518,282
	<i>Category XI Value Total</i>	<i>4,075</i>	<i>19,694,046</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	644	6,554,942
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	737	7,656,555
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	29	581,506
	(e) Components, parts and associated equipment	15,534	11,378,639
	(f) Technical data	9	320
	<i>Category XII Value Total</i>	<i>16,953</i>	<i>26,171,962</i>
Category XIII	Auxiliary Military Equipment		
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	4	221,132
	<i>Category XIII Value Total</i>	<i>4</i>	<i>221,132</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
POLAND (cont.)			
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	1,235	119,195
	<i>Category XIV Value Total</i>	1,235	119,195
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	16	2,497,000
	<i>Category XV Value Total</i>	16	2,497,000
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	*(b) Swimmer delivery vehicles	6	422,426
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	18	75,594
	<i>Category XX Value Total</i>	24	498,020
	POLAND Country Total Authorized	3,567,874	11,451,124
	POLAND Country Total Shipments		154,689,000
PORTUGAL			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	259	120,443
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	28,408	1,377,788
	(h) Components, parts and associated equipment	20	127
	(i) Technical data	1	390
	<i>Category I Value Total</i>	28,688	1,498,748
Category II	Guns and Armament		
	*(a) Guns over caliber .50	2	358,000
	(j) Components, parts and associated equipment	40	240,000
	(k) Technical data	14	1,210
	<i>Category II Value Total</i>	56	599,210
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	899,300	726,985
	<i>Category III Value Total</i>	899,300	726,985

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
PORTUGAL (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	33	802,020
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	310	1,224,220
	(h) Components, parts and associated equipment	39	95,590
	(i) Technical data	3	6,000
	<i>Category IV Value Total</i>	385	2,127,830
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	48	28,983
	<i>Category VI Value Total</i>	48	28,983
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	17	3,271,180
	(g) Components, parts and associated equipment	1,492	185,870
	(h) Technical data	14	3,464
	<i>Category VII Value Total</i>	1,523	3,460,514
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	3	359,700
	(h) Components, parts and associated equipment	53,946	76,728,962
	(i) Technical data	7	2,801
	<i>Category VIII Value Total</i>	53,956	77,091,463
Category IX	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	4	357,368
	(d) Components, parts and associated equipment	12	25,880
	(e) Technical data	100	440
	<i>Category IX Value Total</i>	116	383,688
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	32	16,482
	(b) Permanents or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter	5	211,050
	(d) Components, parts and associated equipment	1	500
	(e) Technical data	4	1,100
	<i>Category X Value Total</i>	42	229,132

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
PORTUGAL (cont.)			
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	2	480,934
	*(a)(4) Electronic combat equipment	7,500	216,750
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	22	969,000
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	3	5,889
	(c) Components, parts and associated equipment	1,266	7,009,080
	(d) Technical data	14	72,370
	<i>Category XI Value Total</i>	8,807	8,754,023
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	47	7,573,509
	(e) Components, parts and associated equipment	426	359,642
	(f) Technical data	5	700
	<i>Category XII Value Total</i>	478	7,933,851
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	2	2,000,000
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	6	255,198
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	5	3,918
	<i>Category XIII Value Total</i>	13	2,259,116
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	413	26,228
	<i>Category XIV Value Total</i>	413	26,228
	PORTUGAL Country Total Authorized	993,825	105,119,771
	PORTUGAL Country Total Shipments		28,441,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
QATAR			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,183	1,772,230
	*(d) Combat shotguns	10	28,964
	(f) Riflescopes	69	81,339
	(h) Components, parts and associated equipment	2,109	68,560
	<i>Category I Value Total</i>	<i>3,371</i>	<i>1,951,093</i>
Category II	Guns and Armament		
	*(a) Guns over caliber .50	11	28,666
	<i>Category II Value Total</i>	<i>11</i>	<i>28,666</i>
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	163,200	112,300
	<i>Category III Value Total</i>	<i>163,200</i>	<i>112,300</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(i) Technical data	9	225
	<i>Category IV Value Total</i>	<i>9</i>	<i>225</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	1	71,392
	(g) Technical data	2	32,000,100
	<i>Category VI Value Total</i>	<i>3</i>	<i>32,071,492</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	2	13,191,946
	(h) Components, parts and associated equipment	166	2,087,534
	(i) Technical data	172	33,200
	<i>Category VIII Value Total</i>	<i>340</i>	<i>15,312,680</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	1	290,000
	(d) Components, parts and associated equipment	1	10,000
	(e) Technical data	21	30,200
	<i>Category IX Value Total</i>	<i>23</i>	<i>330,200</i>
Category XI	Military Electronics		
	*(b)		
	Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	58	1,049,800
	(c) Components, parts and associated equipment	62	1,270,359
	(d) Technical data	262	132,380
	<i>Category XI Value Total</i>	<i>382</i>	<i>2,452,539</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
QATAR (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	13	526,893
	(e) Components, parts and associated equipment	30	25,463
	(f) Technical data	24	300
	<i>Category XII Value Total</i>	67	552,656
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	29	290,000
	<i>Category XIII Value Total</i>	29	290,000
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	100	800
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	98	20,018,838
	<i>Category XIV Value Total</i>	198	20,019,638
	QATAR Country Total Authorized	167,633	73,121,489
	QATAR Country Total Shipments		876,465,000
ROMANIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(b) Fully automatic firearms	33	428,240
	(h) Components, parts and associated equipment	30	515
	<i>Category I Value Total</i>	63	428,755
Category II	Guns and Armament		
	(k) Technical data	1	10,000
	<i>Category II Value Total</i>	1	10,000
Category III	Ammunition/Ordnance		
	*(d)(2) Safing, arming, and fuzing components	4,010	79,915
	(d)(3) All other components, parts and associated equipment	1,405	5,381
	<i>Category III Value Total</i>	5,415	85,296
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	1,918	138,307

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ROMANIA (cont.)			
Category IV (cont.)	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	310	46,609
	(i) Technical data	6	2,400
	<i>Category IV Value Total</i>	2,233	187,316
Category VI	Vessels of War and Special Naval Equipment		
	*(c) Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	110	15,311
	(f) Components, parts and associated equipment	104	21,664
	(g) Technical data	2	32,000,100
	<i>Category VI Value Total</i>	216	32,037,075
Category VII	Tanks and Military Vehicles		
	*(a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	1	114,032
	(g) Components, parts and associated equipment	1,736	40,047
	(h) Technical data	71	147,848
	<i>Category VII Value Total</i>	1,808	301,927
Category VIII	Aircraft and Associated Equipment		
	*(b) Military aircraft engines	2	2,263,760
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	7	225,428
	(h) Components, parts and associated equipment	100,857	30,015,665
	(i) Technical data	6	1,701
	<i>Category VIII Value Total</i>	100,872	32,506,554
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	20	22,473
	<i>Category X Value Total</i>	20	22,473
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	140	2,455,526
	(a)(6) Computers specifically designed or developed for military applications and any computer specifically modified for use with any defense article in any category of the USML	162	1,451,682

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ROMANIA (cont.)			
Category XI (cont.)	Military Electronics		
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	678	16,463,637
	(c) Components, parts and associated equipment	2,177	9,521,486
	(d) Technical data	633	614,764
	<i>Category XI Value Total</i>	<i>3,790</i>	<i>30,507,095</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	11	11,330
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, controls and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	10	682,224
	(e) Components, parts and associated equipment	349	163,894
	(f) Technical data	15	5,662
	<i>Category XII Value Total</i>	<i>385</i>	<i>863,110</i>
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	1	2,395
	<i>Category XIII Value Total</i>	<i>1</i>	<i>2,395</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(i) Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	4	10,000
	<i>Category XIV Value Total</i>	<i>4</i>	<i>10,000</i>
	ROMANIA Country Total Authorized	114,808	96,961,996
	ROMANIA Country Total Shipments		44,632,000
RUSSIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,231	593,067
	(h) Components, parts and associated equipment	1,378	54,724
	<i>Category I Value Total</i>	<i>2,609</i>	<i>647,791</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	888,720	475,217
	(d)(3) All other components, parts and associated equipment	102,400	21,282
	<i>Category III Value Total</i>	<i>991,120</i>	<i>496,499</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
RUSSIA (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	500	916,000
	(h) Components, parts and associated equipment	300	2,744,727
	(i) Technical data	2	901,600
	<i>Category IV Value Total</i>	802	4,562,327
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	149	10,406
	<i>Category XI Value Total</i>	149	10,406
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1	16,984
	(e) Components, parts and associated equipment	13	32,789
	(f) Technical data	1	10
	<i>Category XII Value Total</i>	15	49,783
Category XV	Spacecraft Systems and Associated Equipment		
	(d) Radiation-hardened microelectronics	56	118,940
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	2,446	5,077,036
	(f) Technical data	1,038	837,950
	<i>Category XV Value Total</i>	3,540	6,033,926
	RUSSIA Country Total Authorized	998,235	11,800,732
	RUSSIA Country Total Shipments		15,371,000
RWANDA			
Category VII	Tanks and Military Vehicles		
	(h) Technical data	1	40,000
	<i>Category VII Value Total</i>	1	40,000
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	486	8,068
	<i>Category XI Value Total</i>	486	8,068
	RWANDA Country Total Authorized	487	48,068
	RWANDA Country Total Shipments		155,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SAUDI ARABIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	(h) Components, parts and associated equipment	1,057	126,330
	(i) Technical data	100	10,000
	<i>Category I Value Total</i>	<i>1,157</i>	<i>136,330</i>
Category II	Guns and Armament		
	(c) Devices for launching or delivering ordnance	60	86,400
	(g) Tooling and equipment	200	599,000
	(j) Components, parts and associated equipment	200	599,000
	(k) Technical data	101	2,000
	<i>Category II Value Total</i>	<i>561</i>	<i>1,286,400</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	106,300	109,446
	(d)(3) All other components, parts and associated equipment	1,182,107	3,118,140
	(e) Technical data	102	10,300
	<i>Category III Value Total</i>	<i>1,288,509</i>	<i>3,237,886</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	4,800	3,161,680
	*(b) Launch vehicles and missile and anti-missile systems	116	4,508,920
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	4	341,916
	(h) Components, parts and associated equipment	20,491	45,393,522
	(i) Technical data	29	38,111
	<i>Category IV Value Total</i>	<i>25,440</i>	<i>53,444,149</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	275	15,326
	<i>Category V Value Total</i>	<i>275</i>	<i>15,326</i>
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	2	5,963,700
	(f) Components, parts and associated equipment	18	1,986,723
	(g) Technical data	4	32,001,600
	<i>Category VI Value Total</i>	<i>24</i>	<i>39,952,023</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SAUDI ARABIA (cont.)			
Category VII	Tanks and Military Vehicles		
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	278	9,107,734
	(g) Components, parts and associated equipment	38,002	55,025,383
	(h) Technical data	473	1,337,447
	<i>Category VII Value Total</i>	<i>38,753</i>	<i>65,470,564</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	15	510,842,700
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	5	86,785
	(h) Components, parts and associated equipment	71,003	453,636,549
	(i) Technical data	202	593,522
	<i>Category VIII Value Total</i>	<i>71,225</i>	<i>965,159,556</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	3	12,135,590
	(b) Simulation devices for the items covered by this subchapter	1	5,000
	(d) Components, parts and associated equipment	1,759	15,171,876
	(e) Technical data	116	249,702
	<i>Category IX Value Total</i>	<i>1,879</i>	<i>27,562,168</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1,804	922,200
	(b) Permanent or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter	3	4,432,419
	(d) Components, parts and associated equipment	1	50
	(e) Technical data	101	13,000
	<i>Category X Value Total</i>	<i>1,909</i>	<i>5,367,669</i>
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	224	12,367,265
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	2	86,000
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	84	2,343,277
	(c) Components, parts and associated equipment	307,843	24,850,528
	(d) Technical data	2,633	977,073
	<i>Category XI Value Total</i>	<i>310,786</i>	<i>40,624,143</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SAUDI ARABIA (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	32	2,621,824
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	51	975,354
	(e) Components, parts and associated equipment	708	2,131,675
	(f) Technical data	106	6,995
	<i>Category XII Value Total</i>	897	5,735,848
Category XIII	Auxiliary Military Equipment		
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	2	109,150
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	154	2,004,325
	(l) Technical data	1	50
	<i>Category XIII Value Total</i>	157	2,113,525
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	40,087	4,801,604
	(m) Technical data	4	120
	<i>Category XIV Value Total</i>	40,091	4,801,724
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	384	8,899,696
	(f) Technical data	1	1
	<i>Category XV Value Total</i>	385	8,899,697
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	5	3,125
	<i>Category XX Value Total</i>	5	3,125
	SAUDI ARABIA Country Total Authorized	1,782,053	1,223,810,133
	SAUDI ARABIA Country Total Shipments		232,082,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SENEGAL			
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	1	100
	<i>Category VI Value Total</i>	1	100
	SENEGAL Country Total Authorized	1	100
	SENEGAL Country Total Shipments		1,645,000
SEYCHILLES			
Category XI	Military Electronics		
	(d) Technical data	1	1,000
	<i>Category XI Value Total</i>	1	1,000
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1	327,225
	<i>Category XII Value Total</i>	1	327,225
	SEYCHILLES Country Total Authorized	2	328,225
	SEYCHILLES Country Total Shipments		304,000
SINGAPORE			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	605	171,729
	(f) Riflescopes	94	35,720
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	10	850
	(h) Components, parts and associated equipment	1,508	43,750
	(i) Technical data	7	1,000,060
	<i>Category I Value Total</i>	2,224	1,252,109
Category II	Guns and Armament		
	*(a) Guns over .50 caliber	22	3,634,000
	(g) Tooling and equipment	27	73,050
	(j) Components, parts and associated equipment	4,448	1,044,929
	(k) Technical data	3	11,041
	<i>Category II Value Total</i>	4,500	4,763,020
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	3,624,567	2,862,415
	*(d)(2) Safing, arming, and fuzing components	20,458	810,006
	(d)(3) All other components, parts and associated equipment	2,000,000	40,000
	(e) Technical data	193	80,165
	<i>Category III Value Total</i>	5,645,218	3,792,586

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SINGAPORE (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	9,667	347,017
	* (b) Launch vehicles and missile and anti-missile systems	42	1,060,340
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	99	180,969
	* (f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	18	630
	(h) Components, parts and associated equipment	23,254	531,913
	(i) Technical data	14	20,210
	<i>Category IV Value Total</i>	<i>33,094</i>	<i>2,141,079</i>
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	7	885,757
	(f) Components, parts and associated equipment	238	56,153
	(g) Technical data	6	2,100
	<i>Category VI Value Total</i>	<i>251</i>	<i>944,010</i>
Category VII	Tanks and Military Vehicles		
	* (a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	1	43,600
	* (f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	11	813,845
	(g) Components, parts and associated equipment	236,516	7,364,341
	(h) Technical data	68	601,161
	<i>Category VII Value Total</i>	<i>236,596</i>	<i>8,822,947</i>
Category VIII	Aircraft and Associated Equipment		
	* (b) Military aircraft engines	4	578,860
	(d) Launching and recovery equipment for the articles in (a)	6	7,500,600
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	49	3,222,752
	(h) Components, parts and associated equipment	58,318	139,101,744
	(i) Technical data	561	355,831
	<i>Category VIII Value Total</i>	<i>58,938</i>	<i>150,759,787</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SINGAPORE (cont.)			
Category IX	Military Training Equipment and Training		
	(a) Training equipment	14	475,232
	(b) Simulation devices for the items covered by this subchapter	1	5,000
	(c) Components, parts and associated equipment	202	262,365
	(d) Technical data	6	205,096
	<i>Category IX Value Total</i>	223	947,693
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	850	688,602
	(d) Components, parts and associated equipment	2,358	672,599
	<i>Category X Value Total</i>	3,208	1,361,201
Category XI	Military Electronics		
	*(a)(3)(iv) Moving target indication radar	4	614,400
	(a)(3)(vi) Ground air traffic control radar	60	13,714,531
	*(a)(4) Electronic combat equipment	36,005	1,744,644
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	131	5,367,202
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	16	282,474
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	4	60,359
	(c) Components, parts and associated equipment	53,657	31,973,161
	(d) Technical data	1,452	306,015
	<i>Category XI Value Total</i>	91,329	54,062,786
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	9	8,524
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	2,270	35,919
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	150	2,802,939
	(e) Components, parts and associated equipment	334,309	8,603,988
	(f) Technical data	620	1,615
	<i>Category XII Value Total</i>	337,358	11,452,985

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SINGAPORE (cont.)			
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	45	5,310
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	2	4,325
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	1,126	371,279
	<i>Category XIII Value Total</i>	<i>1,173</i>	<i>380,914</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	1,500	21,525
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	736	569,201
	*(g) Antibodies, polynucleoides, biopolymers or biocatalysts specifically designed or modified for use with articles controlled in (f)	20	4,800
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	29,580	311,784
	(m) Technical data	6	300
	<i>Category XIV Value Total</i>	<i>31,842</i>	<i>907,610</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	14	2,761,260
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	9	133,867
	(f) Technical data	22	2,300,000
	<i>Category XV Value Total</i>	<i>45</i>	<i>5,195,127</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SINGAPORE (cont.)			
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	*(a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	4	532,696
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	8	245,970
	<i>Category XX Value Total</i>	12	778,666
	SINGAPORE Country Total Authorized	6,446,011	247,562,520
	SINGAPORE Country Total Shipments		442,016,000
SLOVAKIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,191	497,001
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	68	12,700
	(h) Components, parts and associated equipment	1,856	52,421
	<i>Category I Value Total</i>	3,115	562,122
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	1,845,500	142,127
	(d)(3) All other components, parts and associated equipment	345,000	6,900
	<i>Category III Value Total</i>	2,190,500	149,027
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	26	531,048
	(i) Technical data	4	400
	<i>Category VIII Value Total</i>	30	531,448
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	17	16,403
	<i>Category X Value Total</i>	17	16,403
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	15	682,719
	(c) Components, parts and associated equipment	100	190,999
	(d) Technical data	292	168,564
	<i>Category XI Value Total</i>	407	1,042,282
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	47	46,436

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SLOVAKIA (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	324
	(e) Components, parts and associated equipment	1,065	190,582
	<i>Category XII Value Total</i>	<i>1,113</i>	<i>237,342</i>
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	2	15,260
	<i>Category XIII Value Total</i>	<i>2</i>	<i>15,260</i>
	SLOVAKIA Country Total Authorized	2,195,184	2,553,884
	SLOVAKIA Country Total Shipments		3,507,000
SLOVENIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	12	4,708
	<i>Category I Value Total</i>	<i>12</i>	<i>4,708</i>
Category II	Guns and Armament		
	*(a) Guns over .50 caliber	6	1,074,000
	(k) Technical data	19	650
	<i>Category II Value Total</i>	<i>25</i>	<i>1,074,650</i>
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	130,050	16,119
	(d)(3) All other components, parts and associated equipment	81,250	2,060
	<i>Category III Value Total</i>	<i>211,300</i>	<i>18,179</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	13,345	331,894
	(i) Technical data	1	44,937
	<i>Category IV Value Total</i>	<i>13,346</i>	<i>376,831</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	911	616,600
	(h) Technical data	37	201,138
	<i>Category VII Value Total</i>	<i>948</i>	<i>817,738</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	57	672,890
	(i) Technical data	1	100
	<i>Category VIII Value Total</i>	<i>58</i>	<i>672,990</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SLOVENIA (cont.)			
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	30	61,094
	(d) Components, parts and associated equipment	6	4,830
	<i>Category X Value Total</i>	36	65,924
Category XI	Military Electronics		
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	2	16,434
	(c) Components, parts and associated equipment	556	3,305,258
	(d) Technical data	4	2,100
	<i>Category XI Value Total</i>	562	3,323,792
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	6	89,121
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	220	1,100,000
	(e) Components, parts and associated equipment	268	21,390
	<i>Category XII Value Total</i>	494	1,210,511
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	190	56,810
	<i>Category XIII Value Total</i>	190	56,810
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	1,000	3,500
	<i>Category XIV Value Total</i>	1,000	3,500
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	10	14,950
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	10	890
	(f) Technical data	1	188
	<i>Category XV Value Total</i>	21	16,028

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SLOVENIA (cont.)			
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	* (c) Nuclear radiation detection and measurement devices	7	10,081
	<i>Category XVI Value Total</i>	7	10,081
	SLOVENIA Country Total Authorized	227,999	7,651,742
	SLOVENIA Country Total Shipments		2,808,000
SOUTH AFRICA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	2,530	1,112,414
	(f) Riflescopes	90	9,000
	* (g) Barrels, cylinders, receivers, and complete breech mechanisms	472	117,679
	(h) Components, parts and associated equipment	19,427	10,255,436
	(i) Technical data	1	1
	<i>Category I Value Total</i>	<i>22,520</i>	<i>11,494,530</i>
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	1	38,289
	(k) Technical data	5	1,250
	<i>Category II Value Total</i>	<i>6</i>	<i>39,539</i>
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II articles	15,177,745	2,198,596
	* (d)(1) Guidance and control components	1,686,650	1,104,728
	(d)(3) All other components, parts, and associated equipment	22,239,030	2,674,482
	<i>Category III Value Total</i>	<i>39,103,425</i>	<i>5,977,806</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	90	3,542,472
	(i) Technical data	4	119,950
	<i>Category IV Value Total</i>	<i>94</i>	<i>3,662,422</i>
Category V	Explosives and Energetic materials, Propellants, Incendiary Agents and Their Constituents		
	(c) Pyrotechnics, fuels, and related substances	25	1,536
	(h) Technical data	1	25,000
	<i>Category V Value Total</i>	<i>26</i>	<i>26,536</i>
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	1	32,000,000
	<i>Category VI Value Total</i>	<i>1</i>	<i>32,000,000</i>

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SOUTH AFRICA (cont.)			
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	7,423	9,920,705
	(h) Technical data	180	66,895,457
	<i>Category VII Value Total</i>	<i>7,603</i>	<i>76,816,162</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	5	3,355,000
	*(b) Military aircraft engines	1	1,127,900
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	236	76,228
	(h) Components, parts and associated equipment	51,453	49,559,457
	(i) Technical data	64	148,180
	<i>Category VIII Value Total</i>	<i>51,759</i>	<i>54,266,765</i>
Category IX	Military Training Equipment and Training		
	(d) Components, parts and associated equipment	2	1,001
	(e) Technical data	12	640
	<i>Category IX Value Total</i>	<i>14</i>	<i>1,641</i>
Category X	Protective Personnel Equipment and Shelters		
	(d) Components, parts and associated equipment	191	103,494
	(e) Technical data	2	600
	<i>Category X Value Total</i>	<i>193</i>	<i>104,094</i>
Category XI	Military Electronics		
	*(a)(4) Electronic combat equipment	4	231,429
	*(a)(5) Command, control and communications systems in include radios (transceivers), navigation, and identification equipment	215	2,303,520
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	35	369,075
	(c) Components, parts and associated equipment	3,343	2,265,342
	(d) Technical data	135	68,545
	<i>Category XI Value Total</i>	<i>3,732</i>	<i>5,237,911</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	66	1,347,047
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	91	1,537,383

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SOUTH AFRICA (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(e) Components, parts and associated equipment	268	222,851
	(f) Technical data	6	38,075
	<i>Category XII Value Total</i>	431	3,145,356
Category XIII	Military Auxiliary Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	1	89,000
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	1	5,000,000
	(l) Technical data	5	351,650
	<i>Category XIII Value Total</i>	7	5,440,650
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	13	699,000
	(f) Technical data	2	300,100
	<i>Category XV Value Total</i>	15	999,100
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	8	7,700
	<i>Category XX Value Total</i>	8	7,700
	<i>SOUTH AFRICA Country Total Authorized</i>	39,189,834	199,220,302
	<i>SOUTH AFRICA Country Total Shipments</i>		34,014,000
SOUTH KOREA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,706	982,853
	*(c) Firearms and other weapons	9	19,916
	*(e) Silencers, mufflers, sound and flash suppressors	6	8,213
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	4	450
	(h) Components, parts and associated equipment	31,853	124,373
	<i>Category I Value Total</i>	33,578	1,135,805
Category II	Guns and Armament		
	(c) Devices for launching or delivering ordnance	2,517	312,347
	(j) Components, parts and associated equipment	34,925	4,005,209

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SOUTH KOREA			
(cont.)			
Category II (cont.)	Guns and Armament		
	(k) Technical data	16	16
	<i>Category II Value Total</i>	37,458	4,317,572
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	41,450	34,920
	(c) Equipment and tooling	103	472,500
	* (d)(1) Guidance and control components	59,720	496,900
	* (d)(2) Safing, arming, and fuzing components	200	23,900
	(d)(3) All other components, parts, and associated equipment	540	53,903
	(e) Technical data	3	121,000
	<i>Category III Value Total</i>	102,016	1,203,123
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	187	476,888
	*(b) Launch vehicles and missile and anti-missile systems	2	8,163,354
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	1,182	2,122,342
	*(e) Military explosive excavating devices	2,800	908,684
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	551	74,912
	(h) Components, parts and associated equipment	22,202	85,368,283
	(i) Technical data	543	66,298
	<i>Category IV Value Total</i>	27,467	97,180,761
Category V	Explosives and Energetic materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	560	14,920
	(c) Pyrotechnics, fuels, and related substances	12,365	911,335
	*(e) Binders	333,540	2,885,121
	(f) Additives	270	4,536
	<i>Category V Value Total</i>	346,735	3,815,912
Category VI	Vessels of War and Special Naval Equipment		
	*(c) Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	1	6,576,216

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SOUTH KOREA			
(cont.)			
Category VI (cont.)	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	50,334	20,028,061
	(g) Technical data	97	91,123
	<i>Category VI Value Total</i>	<i>50,432</i>	<i>26,695,400</i>
Category VII	Tanks and Military Vehicles		
	* (f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	10	418,250
	(g) Components, parts and associated equipment	527,629	77,540,916
	(h) Technical data	65,167	6,077,027
	<i>Category VII Value Total</i>	<i>592,806</i>	<i>84,036,193</i>
Category VIII	Aircraft and Associated Equipment		
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	8	5,901,954
	* (b) Military aircraft engines	6	5,334,042
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	50	86,812
	(d) Launching and recovery equipment for the articles in (a)	18	1,140,233
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	177	5,773,941
	(h) Components, parts and associated equipment	239,251	767,260,830
	(i) Technical data	385	2,885,227
	<i>Category VIII Value Total</i>	<i>239,895</i>	<i>788,383,039</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	220	51,457,997
	(b) Simulation devices for the items covered by this subchapter	20	322,923,502
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	36	86,453
	(d) Components, parts and associated equipment	90	1,313,889
	(e) Technical data	379	270,333
	<i>Category IX Value Total</i>	<i>745</i>	<i>86,052,174</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	253	109,404
	(d) Components, parts and associated equipment	312	4,087
	<i>Category X Value Total</i>	<i>565</i>	<i>113,491</i>
Category XI	Military Electronics		
	* (a)(1) Underwater sound equipment	158	21,115,875
	* (a)(3)(i) Search radar	65	12,526,674
	* (a)(3)(iii) Tracking radar	2	2,446
	* (a)(4) Electronic combat equipment	340,461	4,587,309

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SOUTH KOREA			
(cont.)			
Category XI (cont.)	Military Electronics		
	*(a)(5) Command, control and communications systems in include radios (transceivers), navigation, and identification equipment	76	27,524,437
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	85	108,074,475
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	11	14,802
	* (b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	190	15,115,448
	(c) Components, parts and associated equipment	84,435	261,722,140
	(d) Technical data	1,033	2,724,377
	<i>Category XI Value Total</i>	426,486	453,407,983
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equip; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	309	141,896,314
	* (b) Lasers	50	32,410
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1,785	35,440,874
	* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1,128	8,607,976
	(e) Components, parts and associated equipment	55,993	75,985,474
	(f) Technical data	652	122,404
	<i>Category XII Value Total</i>	59,917	262,085,452
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	33	34,204
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	32	690,789

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SOUTH KOREA			
(cont.)			
Category XIII (cont.)	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	1,544	3,321,863
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	562	1,193,559
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	7,350,508	34,423,064
	(g) Concealment and deception equipment	66	13,413
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	7	133,652
	(k) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1	1,081
	(l) Technical data	6	600
	<i>Category XIII Value Total</i>	7,352,759	39,812,225
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	154,925	22,458,454
	(m) Technical data	2	2,800
	<i>Category XIV Value Total</i>	154,927	22,461,254
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	238	72,301
	(d) Radiation-hardened microelectronics	100	115,671
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	1,503	46,615,606
	(f) Technical data	35	83,099
	<i>Category XV Value Total</i>	1,876	46,615,606

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SOUTH KOREA (cont.)			
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	* (a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	2	288,106
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	215	88,863
	(d) Technical data	1	50
	<i>Category XX Value Total</i>	218	377,019
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	21	11,970
	<i>Category XXI Value Total</i>	21	119,970
	SOUTH KOREA Country Total Authorized	9,427,901	1,918,084,050
	SOUTH KOREA Country Total Shipments		2,687,340,000
SPAIN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	11,753	3,880,942
	(f) Riflescopes	417	296,185
	* (g) Barrels, cylinders, receivers, and complete breech mechanisms	876	75,688
	(h) Components, parts and associated equipment	18,479	394,809
	(i) Technical data	2	323,600
	<i>Category I Value Total</i>	31,527	4,971,224
Category II	Guns and Armament		
	(h) Test and evaluation equipment	1	23
	(k) Technical data	1,003	5,000
	<i>Category II Value Total</i>	1,004	5,023
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II articles	17,344,860	5,183,517
	* (d)(1) Guidance and control components	593	42,327
	(d)(3) All other components, parts and associated equipment	176,284,712	38,906,762
	(e) Technical data	1	200
	<i>Category III Value Total</i>	193,630,166	44,132,806

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SPAIN (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	58	365,000
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) or (b)	556	9,431,447
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	59	9,546
	(h) Components, parts and associated equipment	2,368	5,335,008
	<i>Category IV Value Total</i>	<i>3,041</i>	<i>15,161,001</i>
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(b) Propellants	787,039	4,913,128
	(c) Pyrotechnics, fuels, and related substances	15,536	672,989
	(f) Additives	230	12
	<i>Category V Value Total</i>	<i>802,805</i>	<i>5,586,129</i>
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	709	4,034,316
	(g) Technical data	424	479,476
	<i>Category VI Value Total</i>	<i>1,133</i>	<i>4,513,792</i>
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	104,363	3,134,192
	(h) Technical data	295	20,319
	<i>Category VII Value Total</i>	<i>104,658</i>	<i>3,154,511</i>
Category VIII	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	11	2,779,001
	(d) Launching and recovery equipment for the articles in (a)	11	1,391
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	42	1,722,786
	(f) Development aircraft, engines, and components	3,112	258,542
	(h) Components, parts and associated equipment	138,067	249,040,824
	(i) Technical data	2,157	205,586
	<i>Category VIII Value Total</i>	<i>143,400</i>	<i>254,007,980</i>
Category IX	Military Training Equipment and Training		
	(a) Training equipment	1	579,785

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SPAIN (cont.)			
Category IX (cont.)	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	46	59,253
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	4	10,138
	(d) Components, parts and associated equipment	1,051	
	(e) Technical data	7	266,087
	<i>Category IX Value Total</i>	<i>1,109</i>	<i>36,203</i>
Category X	Protective Personnel Equipment and Shelters		951,466
	(a) Protective personnel equipment	336	154,158
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1,000	258,750
	(d) Components, parts and associated equipment	345	30,605
	<i>Category X Value Total</i>	<i>1,681</i>	<i>443,513</i>
Category XI	Military Electronics		
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	120	149,793
	*(a)(3)(i) Search radar	2	11,974
	*(a)(3)(iii) Tracking radar	2	90,000
	*(a)(3)(v) Imaging radar systems	115	22,425,000
	(a)(3)(vi) Ground air traffic control radar	18	10,356,408
	*(a)(4) Electronic combat equipment	27,740	618,953
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	524	8,118,301
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	35	3,546,096
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	73	3,782,262
	(c) Components, parts and associated equipment	129,496	43,918,543
	(d) Technical data	648	351,773
	<i>Category XI Value Total</i>	<i>158,773</i>	<i>93,369,103</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equip; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	8	3,244,428
	*(b) Lasers	48	174,361

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SPAIN (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	2,260	17,297,702
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	189	4,017,660
	(e) Components, parts and associated equipment	4,295	8,254,362
	(f) Technical data	61	6,932
	<i>Category XII Value Total</i>	6,861	32,995,445
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	31	293,182
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	4	253,244
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	2,224	406,447
	(l) Technical data	1	15,000
	<i>Category XIII Value Total</i>	2,260	967,873
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	3,300	106,786
	<i>Category XIV Value Total</i>	3,300	106,786
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	2	13,559
	(c) Global Positioning System (GPS) receiving equipment	478	4,213,734

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SPAIN (cont.)			
Category XV (cont.)	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	425	3,594,395
	(f) Technical data	9	206,625
	<i>Category XV Value Total</i>	914	8,028,313
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	(d) Components, parts, and associated equipment specifically designed or modified for the articles in this category	121	274,510
	<i>Category XVI Value Total</i>	121	274,510
	SPAIN Country Total Authorized	194,892,753	468,669,475
	SPAIN Country Total Shipments		258,292,000
SRI LANKA			
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	1	250,000
	<i>Category VI Value Total</i>	1	250,000
Category VIII	Aircraft and Associated Equipment		
	*(b) Military aircraft engines	1	937,800
	(h) Components, parts and associated equipment	231	5,522,890
	(i) Technical data	1	100
	<i>Category VIII Value Total</i>	233	6,460,790
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	1,994	106,272
	<i>Category XI Value Total</i>	1,994	106,272
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	150	439,950
	(f) Technical data	21	300
	<i>Category XII Value Total</i>	171	440,250
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	20	58,740
	<i>Category XIII Value Total</i>	20	58,740
	SRI LANKA Country Total Authorized	2,419	7,316,052
	SRI LANKA Country Total Shipments		10,665,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ST. KITTS AND NEVIS			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	36	14,295
	<i>Category I Value Total</i>	36	14,295
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	24,000	6,405
	<i>Category III Value Total</i>	24,000	6,405
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	1,472,200	147,161
	(i) Technical data	1	100
	<i>Category IV Value Total</i>	1,472,201	174,261
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	600	6,900
	(d) Technical data	1	500
	<i>Category XI Value Total</i>	601	7,400
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1	3,295
	<i>Category XII Value Total</i>	1	3,295
	ST. KITTS AND NEVIS Country Total Authorized	1,496,839	205,656
	ST. KITTS AND NEVIS Country Total Shipments		1,460,000
ST. LUCIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	85	31,492
	(h) Components, parts and associated equipment	4	320
	<i>Category I Value Total</i>	89	31,812
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	891,900	398,500
	<i>Category III Value Total</i>	891,900	398,500
	ST. LUCIA Country Total Authorized	891,989	430,312
	ST. LUCIA Country Total Shipments		201,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
ST. VINCENT and GRENADINES			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	134	34,488
	*(b) Fully automatic firearms	45	40,580
	(h) Components, parts and associated equipment	437	5,904
	<i>Category I Value Total</i>	616	80,972
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	1,065,250	247,397
	<i>Category III Value Total</i>	1,065,250	247,397
	ST. VINCENT and GRENADINES Country		
	Total Authorized	1,065,866	328,369
	ST. VINCENT and GRENADINES Country		
	Total Shipments		251,000
SUDAN			
Category VII	Tanks and Military Vehicles		
	(h) Technical data	1	500,000
	<i>Category VII Value Total</i>	1	500,000
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	60	13,875
	<i>Category X Value Total</i>	60	13,875
	SUDAN Country Total Authorized	61	513,875
	SUDAN Country Total Shipments		31,000
SURINAME			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	92	43,772
	(h) Components, parts and associated equipment	230	1,124
	<i>Category I Value Total</i>	322	44,896
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	415,000	103,900
	<i>Category III Value Total</i>	415,000	103,900
	SURINAME Country Total Authorized	415,322	148,796
	SURINAME Country Total Shipments		184,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SWAZILAND			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	2	968
	<i>Category I Value Total</i>	2	968
	SWAZILAND Country Total Authorized	2	968
	SWAZILAND Country Total Shipments		92,000
SWEDEN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	4,509	1,983,663
	(f) Riflescopes	105	46,095
	* (g) Barrels, cylinders, receivers, and complete breech mechanisms	1,195	133,095
	(h) Components, parts and associated equipment	16,242	915,932
	<i>Category I Value Total</i>	22,051	3,078,740
Category II	Guns and Armament		
	(g) Tooling and equipment	2	2,580
	(j) Components, parts and associated equipment	40	8,500
	(k) Technical data	150	15,000
	<i>Category II Value Total</i>	192	26,080
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II articles	21,174,132	3,945,998
	(b) Ammunition/ordnance handling equipment	3	500,425
	* (d)(1) Guidance and control components	50	27,675
	(d)(3) All other components, parts and associated equipment	11,137,001	2,547,926
	(e) Technical data	3	11,450
	<i>Category III Value Total</i>	32,311,189	70,334,774
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	10	93,400
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) or (b)	90	1,126,648
	(h) Components, parts and associated equipment	295	22,333,514
	(i) Technical data	26	30,927
	<i>Category IV Value Total</i>	421	3,484,489

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SWEDEN (cont.)			
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	311	51,617
	*(b) Propellants	53,900	845,672
	(c) Pyrotechnics, fuels, and related substances	850	35,088
	(d) Oxidizers	1,100	7,865
	(f) Additives	2,850	50,589
	(h) Technical data	6	1,000
	<i>Category V Value Total</i>	59,017	991,831
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	387	28,336
	(g) Technical data	4	200
	<i>Category VI Value Total</i>	391	28,536
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	2,805	3,430,266
	(h) Technical data	20	235,001
	<i>Category VII Value Total</i>	2,825	3,665,267
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	15	493,169
	(h) Components, parts and associated equipment	3,189	38,304,643
	(i) Technical data	180	17,335
	<i>Category VIII Value Total</i>	3,384	38,815,147
Category IX	Military Training Equipment and Training		
	(a) Training equipment	100	71,967
	(b) Simulation devices for the items covered by this subchapter	75	23,405
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	2	9,500
	(d) Components, parts and associated equipment	250	949,449
	(e) Technical data	2	600
	<i>Category IX Value Total</i>	429	1,054,921
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	78	36,175
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1	41,198
	(d) Components, parts and associated equipment	5,487	420,251
	(e) Technical data	1	100
	<i>Category X Value Total</i>	5,567	497,724
Category XI	Military Electronics		
	*(a)(2) Underwater acoustic active and passive countermeasures and counter-countermeasures	10	21,490

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SWEDEN (cont.)			
Category XI (cont.)	Military Electronics		
	* (a)(3)(i) Search radar	12	11,313,750
	* (a)(4) Electronic combat equipment	640	19,200
	* (a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	161	2,524,388
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	40	547,720
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	11	32,000
	* (b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	48	724,330
	(c) Components, parts and associated equipment	19,416	50,574,503
	(d) Technical data	174	41,322
	<i>Category XI Value Total</i>	<i>20,512</i>	<i>65,798,703</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	* (a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equip; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	4	11,450
	* (b) Lasers	142	1,938,466
	* (c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	25,099	42,330,207
	* (d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	727	4,638,952
	(e) Components, parts and associated equipment	3,019	2,644,690
	(f) Technical data	43	24,730
	<i>Category XII Value Total</i>	<i>29,034</i>	<i>51,588,495</i>
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	30	600,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SWEDEN (cont.)			
Category XIII (cont.)	Auxiliary Military Equipment		
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	15	19,032
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	12,864	797,272
	<i>Category XIII Value Total</i>	<i>12,909</i>	<i>1,416,304</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	2	50
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	6,000	117,600
	(m) Technical data	1	20,000
	<i>Category XIV Value Total</i>	<i>6,003</i>	<i>137,650</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	149	1,577,320
	(f) Technical data	702	64,161
	<i>Category XV Value Total</i>	<i>851</i>	<i>1,641,481</i>
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	*(c) Nuclear radiation detection and measurement devices	15	29,835
	<i>Category XVI Value Total</i>	<i>15</i>	<i>29,835</i>
Category XVIII	Directed Energy Weapons		
	(e) Components, parts, and associated equipment specifically designed or modified for the articles in (a) through (d)	1	225,000
	<i>Category XVIII Value Total</i>	<i>1</i>	<i>225,000</i>
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	2	8,458

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SWEDEN (cont.)			
Category XX (cont.)	Submersible Vessels, Oceanographic and Associated Equipment		
	(d) Technical data	2	20,001
	<i>Category XX Value Total</i>	4	28,459
	SWEDEN Country Total Authorized	32,474,795	179,542,136
	SWEDEN Country Total Shipments		138,332,000
SWITZERLAND			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	4,285	1,787,268
	*(c) Firearms and other weapons	250	500,000
	(f) Riflescopes	3	1,971
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	1,098	240,152
	(h) Components, parts and associated equipment	2,637	139,068
	(i) Technical data	1,000	1,000
	<i>Category I Value Total</i>	9,273	2,669,459
Category II	Guns and Armament		
	(g) Tooling and equipment	6	5,799
	(j) Components, parts and associated equipment	222	525,140
	<i>Category II Value Total</i>	229	530,939
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	5,282,204	882,466
	*(d)(1) Guidance and control components	7,000	3,566
	(d)(3) All other components, parts and associated equipment	7,396,534	1,376,934
	(e) Technical data	2	100
	<i>Category III Value Total</i>	12,685,740	2,263,066
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(h) Components, parts and associated equipment	2,681	1,758,871
	(i) Technical data	4	100
	<i>Category IV Value Total</i>	2,685	1,758,971
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	520	33,041
	*(e) Binders	372	6,082
	(h) Technical data	1	100
	<i>Category V Value Total</i>	893	39,223
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	1	25
	(g) Technical data	2	2,500
	<i>Category VI Value Total</i>	3	2,525

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SWITZERLAND (cont.)			
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	56,693	1,171,798
	(h) Technical data	2	2,000
	<i>Category VII Value Total</i>	56,695	1,173,798
Category VIII	Aircraft and Associated Equipment		
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	150	28,643
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	62	235,465
	(h) Components, parts and associated equipment	6,666	83,875,457
	(i) Technical data	351	33,722
	<i>Category VIII Value Total</i>	7,229	84,173,287
Category IX	Military Training Equipment and Training		
	(a) Training equipment	4	9,218,333
	(b) Simulation devices for the items covered by this subchapter	2	1,766,863
	(d) Components, parts and associated equipment	5,002	13,318
	(e) Technical data	1	1,000
	<i>Category IX Value Total</i>	5,009	10,999,514
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	27	27,677
	(d) Components, parts and associated equipment	12	3,292
	(e) Technical data	1	3,000
	<i>Category X Value Total</i>	40	33,969
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	23	736,230
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	2	17,974
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	6	39,670
	(c) Components, parts and associated equipment	41,327	11,259,847
	(d) Technical data	1,050	518,749
	<i>Category XI Value Total</i>	42,408	12,572,470

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SWITZERLAND (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equip; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	4	15,924
	*(b) Lasers	26	37,310
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1,052	1,348,081
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	63	97,821
	(e) Components, parts and associated equipment	574	263,776
	(f) Technical data	6	370
	<i>Category XII Value Total</i>	1,725	1,763,282
Category XIII	Auxiliary Military Equipment		
	(g) Concealment and deception equipment	36	11,490
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	480	88,386
	(l) Technical data	1	10
	<i>Category XIII Value Total</i>	517	99,886
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	190,140	2,964,239
	*(g) Antibodies, polynucleoides, biopolymers or biocatalysts specifically designed or modified for use with articles controlled in (f)	52	12,480
	(h) Medical countermeasures specifically designed or modified for use with the chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	30,561	1,161,318
	(m) Technical data	3	300
	<i>Category XIV Value Total</i>	220,756	4,138,337

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
SWITZERLAND (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	1	887
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	12	72,543
	(f) Technical data	1	500
	<i>Category XV Value Total</i>	14	73,930
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	1	11,500
	<i>Category XXI Value Total</i>	1	11,500
	SWITZERLAND Country Total Authorized	13,033,327	122,304,156
	SWITZERLAND Country Total Shipments		126,784,000
TAIWAN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	(f) Riflescopes	36	25,230
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	5	1,863
	(h) Components, parts and associated equipment	8,742	54,353
	(i) Technical data	1	323,450
	<i>Category I Value Total</i>	8,784	404,896
Category II	Guns and Armament		
	(k) Technical data	1,001	1,100
	<i>Category II Value Total</i>	1,001	1,100
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	30,400	25,840
	(c) Equipment and tooling	1	10,400
	*(d)(2) Safing, arming, and fuzing components	800,000	13,840,000
	(d)(3) All other components, parts and associated equipment	31,300	17,077
	(e) Technical data	1	100
	<i>Category III Value Total</i>	861,702	13,893,417
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(b) Launch vehicles and missile and anti-missile systems	57	82,994

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
TAIWAN (cont.)			
Category IV (cont.)	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	6,653	102,964
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	39	2,597
	(h) Components, parts and associated equipment	33,199	1,605,295
	(i) Technical data	78	13,291
	<i>Category IV Value Total</i>	40,026	1,807,141
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(b) Propellants	9,000	132,300
	(h) Technical data	1	100
	<i>Category V Value Total</i>	9,001	132,400
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	721	161,376
	(g) Technical data	3	1,201
	<i>Category VI Value Total</i>	724	162,577
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	5,235	577,469
	(h) Technical data	499	529,505
	<i>Category VII Value Total</i>	5,734	1,106,974
Category VIII	Aircraft and Associated Equipment		
	*(c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	6	28,536
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	2	44,700
	(h) Components, parts and associated equipment	198,084	297,900,619
	(i) Technical data	252	83,120
	<i>Category VIII Value Total</i>	198,344	298,056,975
Category IX	Military Training Equipment and Training		
	(a) Training equipment	96	1,254,716
	(b) Simulation devices for the items covered by this subchapter	14	452,511
	(d) Components, parts and associated equipment	503	904,591
	(e) Technical data	119	201,598
	<i>Category IX Value Total</i>	732	2,813,416

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
TAIWAN (cont.)			
Category X	Protective Personnel Equipment and Shelters		
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	1	16,475
	(d) Components, parts and associated equipment	2,023	69,207
	<i>Category X Value Total</i>	2,024	85,682
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	17	170,000
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	20	2,160
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	317	1,527,762
	(c) Components, parts and associated equipment	75,695	31,669,965
	(d) Technical data	703	220,019
	<i>Category XI Value Total</i>	76,752	33,589,906
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	11	949,936
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	12,500
	(e) Components, parts and associated equipment	1,519	1,720,904
	(f) Technical data	708	426,347
	<i>Category XII Value Total</i>	2,239	3,109,687
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	1,627	222,167
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	40	17,480
	(g) Concealment and deception equipment	38	326,338
	(l) Technical data	5	400,400
	<i>Category XIII Value Total</i>	1,710	966,385

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
TAIWAN (cont.)			
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	8,800	1,016,120
	<i>Category XIV Value Total</i>	8,800	1,016,120
Category XV	Spacecraft Systems and Associated Equipment		
	(c) Global Positioning System (GPS) receiving equipment	1	550
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	28	6,568,091
	(f) Technical data	6	59,000
	<i>Category XV Value Total</i>	35	6,627,641
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	1	525
	(d) Technical data	1	1,725
	<i>Category XX Value Total</i>	2	2,250
	TAIWAN Total Authorized	1,217,610	363,776,567
	TAIWAN Total Shipments		363,776,000
TANZANIA, UNITED REPUBLIC			
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	2,480	1,240
	<i>Category III Value Total</i>	2,480	1,240
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	6	18,546
	<i>Category XIV Value Total</i>	6	18,546
	TANZANIA, UNITED REPUBLIC OF Country Total Authorized	2,486	19,786
	TANZANIA, UNITED REPUBLIC OF Country Total Shipments		86,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
THAILAND			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	* (a) Nonautomatic and semi-automatic firearms	22,518	11,497,475
	* (b) Fully automatic firearms	3,199	3,128,894
	* (c) Firearms and other weapons	18	32,260
	* (d) Combat shotguns	400	36,000
	* (g) Barrels, cylinders, receivers, and complete breech mechanisms	2,481	651,822
	(h) Components, parts and associated equipment	38,636	742,832
	<i>Category I Value Total</i>	67,252	16,089,283
Category III	Ammunition/Ordnance		
	* (a) Ammunition/ordnance for Categories I&II articles	70,682,172	5,758,591
	* (d)(1) Guidance and control components	285	80,692
	* (d)(2) Safing, arming, and fuzing components	750	3,863
	(d)(3) All other components, parts and associated equipment	24,309,500	1,305,505
	<i>Category III Value Total</i>	94,992,707	7,148,651
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	32,991	691,663
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	242	11,780,529
	(h) Components, parts and associated equipment	25,009	5,891,650
	(i) Technical data	6	4,100
	<i>Category IV Value Total</i>	58,248	18,367,942
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	* (a) Explosives	870	954,320
	* (b) Propellants	1,000	6,550
	(h) Technical data	1	1
	<i>Category V Value Total</i>	1,871	960,871
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	327	149,867
	<i>Category VI Value Total</i>	327	149,867
Category VII	Tanks and Military Vehicles		
	* (a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	10	1,161,085
	(g) Components, parts and associated equipment	506	654,033

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
THAILAND (cont.)			
Category VII (cont.)	Tanks and Military Vehicles		
	(h) Technical data	16	12,257
	<i>Category VII Value Total</i>	532	1,827,375
Category VIII	Aircraft and Associated Equipment		
	*(b) Military aircraft engines	1	85,000
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	110	4,393,978
	(h) Components, parts and associated equipment	138,514	111,369,340
	(i) Technical data	5	15,150
	<i>Category VIII Value Total</i>	138,630	115,863,468
Category IX	Military Training Equipment and Training		
	(a) Training equipment	54	11,898,057
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	3	10,000
	(d) Components, parts and associated equipment	372	1,706,722
	(e) Technical data	121	860
	<i>Category IX Value Total</i>	550	13,615,639
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	100	76,600
	<i>Category X Value Total</i>	100	76,600
Category XI	Military Electronics		
	*(a)(3)(i) Search radar	1	13,000,000
	*(a)(3)(iv) Moving target indication radar	8	1,733,088
	*(a)(4) Electronic combat equipment	31,062	1,032,308
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	347	6,763,804
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	7	29,500
	(c) Components, parts and associated equipment	231,385	16,788,538
	(d) Technical data	733	328,464
	<i>Category XI Value Total</i>	263,543	39,675,702
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equip; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	3	237,000
	*(b) Lasers	161	198,620

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
THAILAND (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	437	6,374,544
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	21,853
	(e) Components, parts and associated equipment	1,066	380,685
	(f) Technical data	89	588
	<i>Category XII Value Total</i>	1,757	7,213,290
	Category XIII		
	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	6	4,522,101
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	3,048	29,355
Category XIV	(l) Technical data	2	397,748
	<i>Category XIII Value Total</i>	3,056	4,949,204
	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	6,638	257,656
	<i>Category XIV Value Total</i>	6,638	257,656
	THAILAND Country Total Authorized	95,535,211	226,195,548
	THAILAND Country Total Shipments		74,589,000
TRINIDAD AND TOBAGO			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	2,619	1,159,973
	*(c) Firearms and other weapons	4	1,280
	<i>Category I Value Total</i>	2,623	1,161,253
Category II	Guns and Armament		
	*(a) Guns over caliber .50	9	1,964,811
	(j) Components, parts and associated equipment	10	68,950
	(k) Technical data	50	62,564
	<i>Category II Value Total</i>	69	2,096,325

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
TRINIDAD AND TOBAGO (cont.)			
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	2,364,000	603,880
	(b) Ammunition/ordnance handling equipment	650	13,975
	(d)(3) All other components, parts and associated equipment	275,000	5,500
	<i>Category III Value Total</i>	2,639,650	623,355
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	286	172,434
	(g) Technical data	1	1,000
	<i>Category VI Value Total</i>	287	173,434
Category VIII	Aircraft and Associated Equipment		
	(i) Technical data	2	1,500
	<i>Category VIII Value Total</i>	2	1,500
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	6	300
	<i>Category X Value Total</i>	6	300
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	30	55,179
	<i>Category XI Value Total</i>	30	55,179
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	304	3,742
	<i>Category XIV Value Total</i>	304	3,742
	TRINIDAD AND TOBAGO Country Total		
	Authorized	2,642,971	4,115,088
	TRINIDAD AND TOBAGO Country Total Shipments		3,708,000
TUNISIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	12	17,820
	(h) Components, parts and associated equipment	150	9,836
	<i>Category I Value Total</i>	162	27,656
Category II	Guns and Armament		
	(c) Devices for launching or delivering ordnance	135	67,500
	<i>Category II Value Total</i>	135	67,500
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	1,604	22,026
	<i>Category III Value Total</i>	1,604	22,026

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
TUNISIA (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	3	460
	(h) Components, parts and associated equipment	10	1,570
	<i>Category IV Value Total</i>	13	2,030
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	3	192,628
	<i>Category VI Value Total</i>	3	192,628
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	2	135,600
	(h) Components, parts and associated equipment	400,157	77,797,519
	(i) Technical data	1	1,000
	<i>Category VIII Value Total</i>	400,160	77,934,119
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	3	196,500
	(c) Components, parts and associated equipment	3	26,647
	(d) Technical data	2,299	171,100
	<i>Category XI Value Total</i>	2,305	394,247
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	27,502	254,405
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	29,335	446,325
	<i>Category XIV Value Total</i>	56,837	700,730
	TUNISIA Country Total Authorized	461,219	79,340,936
	TUNISIA Country Total Shipments		3,671,000
TURKEY			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,992	1,733,719
	*(e) Silencers, mufflers, sound and flash suppressors	9	9,855
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	60	4,968

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
TURKEY (cont.)			
Category I (cont.)	Firearms, Close Assault Weapons and Combat Shotguns		
	(h) Components, parts and associated equipment	101	1,000,180
	(i) Technical data	1	323,450
	<i>Category I Value Total</i>	2,163	3,072,172
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	1,098	1,014,881
	(k) Technical data	1	1,000
	<i>Category II Value Total</i>	1,099	1,015,881
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	470,200	131,400
	*(d)(2) Safing, arming, and fuzing components	123,065	2,306,864
	(d)(3) All other components, parts and associated equipment	89,115,015	1,944,600
	(e) Technical data	4	44,201
	<i>Category III Value Total</i>	89,708,284	4,427,065
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	255	165,065
	*(f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	3,050	194,762
	(h) Components, parts and associated equipment	178,844	6,211,115
	(i) Technical data	50	137,981
	<i>Category IV Value Total</i>	182,199	6,708,923
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	*(a) Explosives	1,135,900	1,261,536
	*(b) Propellants	58,634	888,098
	(c) Pyrotechnics, fuels, and related substances	12,015	173,790
	*(e) Binders	150	31,500
	(f) Additives	598	70,277
	<i>Category V Value Total</i>	1,207,297	2,425,201
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	287	1,195,334
	<i>Category VI Value Total</i>	287	1,195,334
Category VII	Tanks and Military Vehicles		
	(g) Components, parts and associated equipment	17,365	19,730,207
	(h) Technical data	378	13,838,897
	<i>Category VII Value Total</i>	17,743	33,569,104
Category VIII	Aircraft and Associated Equipment		
	*(b) Military aircraft engines	13	10,016,360

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
TURKEY (cont.)			
Category VIII (cont.)	Aircraft and Associated Equipment		
	(d) Launching and recovery equipment for the articles (a)	1	12,079
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	6,235	18,634,175
	(f) Developmental aircraft, engines, and components	8	104,451
	(h) Components, parts and associated equipment	309,247	528,974,489
	(i) Technical data	237	125,800
	<i>Category VIII Value Total</i>	<i>315,741</i>	<i>557,867,354</i>
Category IX	Military Training Equipment and Training		
	(b) Simulation devices for the items covered by this subchapter	2	1,009,258
	(d) Components, parts and associated equipment	494	294,872
	(e) Technical data	4	1,280
	<i>Category IX Value Total</i>	<i>503</i>	<i>1,305,410</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	108	297,069
	(b) Permanent or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter	1	3,000
	(d) Components, parts and associated equipment	509	1,025,585
	<i>Category X Value Total</i>	<i>618</i>	<i>1,325,654</i>
Category XI	Military Electronics		
	(a) Electronic equipment not included in Category XII	10	85,777
	*(a)(1) Underwater sound equipment	18	290,425
	*(a)(3)(i) Search radar	117	19,183
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	483	12,913,290
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	532	90,994,701
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	14	214,665
	(c) Components, parts and associated equipment	54,928	96,936,437
	(d) Technical data	342	913,698
	<i>Category XI Value Total</i>	<i>56,444</i>	<i>202,368,176</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	23	2,615,895

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
TURKEY (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	123	18,632,872
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	898	11,851,030
	(e) Components, parts and associated equipment	19,866	13,480,166
	(f) Technical data	631	142,376
	<i>Category XII Value Total</i>	<i>21,541</i>	<i>46,722,339</i>
Category XIII	Auxiliary Military Equipment		
	(c) Self-contained diving and underwater breathing apparatus	4	4,000,000
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	6	1,900
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	500	4,900
	(l) Technical data	1	1
	<i>Category XIII Value Total</i>	<i>511</i>	<i>4,006,801</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	30,014	619,290
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	17	21,627
	(m) Technical data	5	500
	<i>Category XIV Value Total</i>	<i>30,036</i>	<i>641,417</i>
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	10	700,000
	(c) Global Positioning System (GPS) receiving equipment	15	117,500

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
TURKEY (cont.)			
Category XV (cont.)	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	283	262,554
	(f) Technical data	12	700,026
	<i>Category XV Value Total</i>	320	1,780,330
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	1	1
	<i>Category XX Value Total</i>	1	1
	TURKEY Country Total Authorized	91,544,787	868,431,162
	TURKEY Country Total Shipments		474,126,000
TURKS AND CAICOS ISLANDS			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	21	11,220
	<i>Category I Value Total</i>	21	11,220
	TURKS AND CAICOS ISLANDS Country Total Authorized	21	11,220
	TURKS AND CAICOS ISLANDS Country Total Shipments		33,000
UGANDA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	500	260,000
	(h) Components, parts and associated equipment	1,000	15,000
	<i>Category I Value Total</i>	1,500	275,000
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	150,000	633,000
	<i>Category III Value Total</i>	150,000	633,000
Category XI	Military Electronics		
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	3	92,443
	(c) Components, parts and associated equipment	547	759,064

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UGANDA (cont.)			
Category XI (cont.)	Military Electronics		
	(d) Technical data	1	1,000
	<i>Category XI Value Total</i>	551	852,507
	UGANDA Country Total Authorized	152,051	1,760,507
	UGANDA Country Total Shipments		3,687,000
UKRAINE			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	2,921	977,031
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	1	2,350
	(h) Components, parts and associated equipment	2,430	136,872
	<i>Category I Value Total</i>	5,352	1,116,253
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	1,251,150	290,271
	*(d)(1) Guidance and control components	28	385,973
	(d)(3) All other components, parts and associated equipment	4,200	3,288
	<i>Category III Value Total</i>	1,255,378	679,532
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(i) Technical data	500	5,000
	<i>Category IV Value Total</i>	500	5,000
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	1	22,700
	(i) Technical data	1	10
	<i>Category VIII Value Total</i>	2	22,710
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	12	15,972
	(f) Technical data	1	500
	<i>Category XV Value Total</i>	13	16,472
	UKRAINE Country Total Authorized	1,261,245	1,839,967
	UKRAINE Country Total Shipments		2,705,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED ARAB EMIRATES	Category I		
	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	1,736	10,554,270
	(f) Riflescopes	4	8,049
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	198	24,562
	(h) Components, parts and associated equipment	10,656	14,182,842
	(i) Technical data	11	14,777
	<i>Category I Value Total</i>	<i>12,605</i>	<i>24,784,500</i>
	Category II		
	Guns and Armament		
	(k) Technical data	10	1,000
	<i>Category II Value Total</i>	<i>10</i>	<i>1,000</i>
	Category III		
	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	197,400	1,147,836
	(d)(3) All other components, parts and associated equipment	700,000	109,000
	(e) Technical data	13	28,850
	<i>Category III Value Total</i>	<i>897,413</i>	<i>1,285,686</i>
	Category IV		
	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	205	102,500,000
	(h) Components, parts and associated equipment	387	29,695,842
	(i) Technical data	221	29,175
	<i>Category IV Value Total</i>	<i>813</i>	<i>132,225,017</i>
	Category V		
	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(h) Technical data	10	1,000
	<i>Category V Value Total</i>	<i>10</i>	<i>1,000</i>
	Category VI		
	Vessels of War and Special Naval Equipment		
	(g) Technical data	47	32,031,600
	<i>Category VI Value Total</i>	<i>47</i>	<i>32,031,600</i>
	Category VII		
	Tanks and Military Vehicles		
	(c) Military trucks, trailers, hoists, and skids specifically designed, modified, or equipped to mount or carry weapons	15	3,990,733
	(g) Components, parts and associated equipment	381	1,422,415
	(h) Technical data	54	42,001
	<i>Category VII Value Total</i>	<i>450</i>	<i>5,455,149</i>
	Category VIII		
	Aircraft and Associated Equipment		
	*(a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	2	21,491,353

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED ARAB EMIRATES (cont.)			
Category VIII (cont.)	Aircraft and Associated Equipment		
	(d) Launching and recovery equipment for the articles in (a)	8	10,000
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	27	774,500
	(h) Components, parts and associated equipment	290,825	132,990,023
	(i) Technical data	31	171,532
	<i>Category VIII Value Total</i>	290,893	155,433,664
Category IX	Military Training Equipment and Training		
	(a) Training equipment	3	242,954
	(b) Simulation devices for the items covered by this subchapter	3	1,575,000
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	6	9,041
	(d) Components, parts and associated equipment	74	1,092,807
	(e) Technical data	20	2,360,733
	<i>Category IX Value Total</i>	106	5,281,035
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	101	96,453
	(d) Components, parts and associated equipment	727	29,276
	(e) Technical data	11	4,000
	<i>Category X Value Total</i>	839	129,729
Category XI	Military Electronics		
	*(a)(3)(i) Search radar	8	1,107,666
	*(a)(3)(iii) Tracking radar	3	33,900,000
	(a)(3)(vi) Ground air traffic control radar	19	23,635
	*(a)(4) Electronic combat equipment	1,302	3,665,302
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	336	12,270,279
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	6	3,123,994
	(c) Components, parts and associated equipment	29,013	34,257,185
	(d) Technical data	281	689,127
	<i>Category XI Value Total</i>	30,968	89,037,188
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	8	1,888,038

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED ARAB EMIRATES (cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(b) Lasers	2,148	5,215,245
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	1,417	72,101,863
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	500,000
	(e) Components, parts and associated equipment	1,221	4,209,321
	(f) Technical data	97	70,043
	<i>Category XII Value Total</i>	4,892	83,984,510
Category XIII	Auxiliary Military Equipment		
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	3	9,957
	(c) Self-contained diving and underwater breathing apparatus	60	7,080
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	500	7,250
	(j) Technical data	30	2,500
	<i>Category XIII Value Total</i>	593	26,787
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	181	2,348,185
	(h) Medical countermeasures specifically designed or modified for use with chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	2	39
	(m) Technical data	1	10
	<i>Category XIV Value Total</i>	184	2,348,234

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED ARAB EMIRATES (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	635	23,631,417
	(f) Technical data	19	66,959
	<i>Category XV Value Total</i>	654	23,698,376
Category XVIII	Directed Energy Weapons		
	(f) Technical data	10	100
	<i>Category XVIII Value Total</i>	10	100
	UNITED ARAB EMIRATES Country Total		
	Authorized	1,240,487	555,723,575
	UNITED ARAB EMIRATES Country Total Shipments		1,034,029,000
UNITED KINGDOM			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	6,846	3,793,703
	*(b) Fully automatic firearms	20	282,966
	*(c) Firearms and other weapons	12	12,000
	*(e) Silencers, mufflers, sound and flash suppressors	6,508	1,857,335
	(f) Riflescopes	1,248	941,295
	*(g) Barrels, cylinders, receivers, and complete breech mechanisms	3,409	911,612
	(h) Components, parts and associated equipment	138,792	16,358,116
	(i) Technical data	5	2,995
	<i>Category I Value Total</i>	156,840	24,162,022
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	2,294	4,371,743
	(k) Technical data	271	467,527
	<i>Category II Value Total</i>	2,565	4,839,270
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	37,494,375	25,608,832
	(c) Equipment and tooling	2	230
	*(d)(1) Guidance and control components	7,540	90,104
	*(d)(2) Safing, arming, and fuzing components	2,100	89,460
	(d)(3) All other components, parts and associated equipment	226,985,470	13,401,429
	(e) Technical data	93	799,329
	<i>Category III Value Total</i>	264,489,580	39,989,384

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED KINGDOM (cont.)			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	* (a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	11,959	40,365,749
	* (b) Launch vehicles and missile and anti-missile systems	52	11,049,710
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	14,786	6,346,758
	* (f) Ablative materials fabricated or semi-fabricated from advanced composites for the articles in this category	550	287,106
	* (g) Non-nuclear warheads for rockets and guided missiles	5	1,125
	(h) Components, parts and associated equipment	296,821	38,448,312
	(i) Technical data	414	374,840
	<i>Category IV Value Total</i>	324,587	96,873,600
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	* (a) Explosives	120,869	3,001,691
	* (b) Propellants	367,102	2,280,299
	(c) Pyrotechnics, fuels, and related substances	9,925	767,245
	(d) Oxidizers	960	46,560
	* (e) Binders	205	41,745
	(f) Additives	300	32,200
	(h) Technical data	17	40,752
	<i>Category V Value Total</i>	499,378	6,210,492
Category VI	Vessels of War and Special Naval Equipment		
	* (c) Turrets and gun mounts, arresting gear, special weapons systems, protective systems, submarine storage batteries, catapults, mine sweeping equipment and other significant naval systems	8	20,088,802
	(f) Components, parts and associated equipment	3,826	68,549,909
	(g) Technical data	418	3,288,707
	<i>Category VI Value Total</i>	4,252	91,927,418
Category VII	Tanks and Military Vehicles		
	* (a) Military type armed or armored vehicles, military railway trains, and vehicles specifically designed to accommodate military equipment	3	250,000

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED KINGDOM			
(cont.)			
Category VII (cont.)	Tanks and Military Vehicles		
	(c) Military trucks, trailers, hoists, and skids specifically designed, modified, or equipped to mount or carry weapons	2	370,908
	* (f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	39	1,642,928
	(g) Components, parts and associated equipment	72,517	75,802,411
	(h) Technical data	2,381	16,873,671
	<i>Category VII Value Total</i>	74,342	94,939,918
Category VIII	Aircraft and Associated Equipment		
	* (a) Aircraft, including but not limited to helicopters, non-expansive balloons, drones, and lighter-than-air aircraft	207	245,782,005
	* (b) Military aircraft engines	13	14,575,697
	* (c) Cartridge-actuated devices utilized in emergency escape of personnel and airborne equipment	1,310	2,016,950
	(d) Launching and recovery equipment for the articles in (a)	1,486	956,044
	* (e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	901	17,830,582
	(h) Components, parts and associated equipment	859,749	754,017,721
	(i) Technical data	4,302	2,984,148
	<i>Category VIII Value Total</i>	867,976	1,038,165,307
Category IX	Military Training Equipment and Training		
	(a) Training equipment	106	5,710,227
	(b) Simulation devices for the items covered by this subchapter	808	5,845,684
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	756	340,962
	(d) Components, parts and associated equipment	1,505	15,393,531
	(e) Technical data	89	1,610,128
	<i>Category IX Value Total</i>	3,264	28,900,532
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	4,159	507,960
	(b) Permanent or transportable shelters specifically designed and modified to protect against the effect of articles covered by this subchapter	61	390,000
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	10	448,669
	(d) Components, parts and associated equipment	59,831	4,124,951

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED KINGDOM			
(cont.)			
Category X (cont.)	Protective Personnel Equipment and Shelters		
	(e) Technical data	12	1,349,018
	<i>Category X Value Total</i>	64,073	6,820,598
Category XI	Military Electronics		
	*(a)(1) Underwater sound equipment	6	51,200
	*(a)(3)(ii) Acquisition radar	120	4,265,220
	*(a)(3)(iii) Tracking radar	97	351,489
	*(a)(3)(iv) Moving target indication radar	2	16,000
	(a)(3)(vi) Ground air traffic control radar	31	84,909
	*(a)(4) Electronic combat equipment	439,340	26,237,383
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	2,001	37,742,084
	(a)(6) Computers specifically designed or developed for military application and any computer specifically modified for use with any defense article in any category of the USML	2,285	17,003,989
	(a)(7) Any experimental or developmental electronic equipment specifically designed or modified for military application	8	746,250
	*(b) Electronic systems or equipment for use in surveillance, and electronic systems or equipment designed to counteract electronic surveillance	2,772	30,958,467
	(c) Components, parts and associated equipment	6,818,997	420,831,846
	(d) Technical data	2,955	5,760,369
	<i>Category XI Value Total</i>	7,268,614	544,049,206
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(a) Fire control systems; gun and missile tracking and guidance systems; gun range, position, height finders, spotting instruments and laying equipment; aiming devices; bomb sights, bombing computers, military TV sighting and viewing units; periscopes	10	10,300,900
	*(b) Lasers	1,255	13,584,091
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	11,808	102,166,329
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	4,642	43,621,722
	(e) Components, parts and associated equipment	119,786	62,537,865

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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED KINGDOM			
(cont.)			
Category XII (cont.)	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	(f) Technical data	290	1,125,594
	<i>Category XII Value Total</i>	<i>137,791</i>	<i>233,336,501</i>
Category XIII	Auxiliary Military Equipment		
	(a) Cameras and specialized processing equipment, photointerpretation, stereoscopic plotting, and photogrammetry	1	23,000
	(b) Military Information Security Assurance Systems and equipment, cryptographic devices, software, and components	118	913,388
	(c) Self-contained diving and underwater breathing apparatus	5,292	3,212,314
	(d) Carbon/carbon billets and preforms not elsewhere controlled by this subchapter which are reinforced with continuous unidirectional tows, tapes, or woven cloths in three or more dimensional planes	59	954,658
	(e) Armor, and reactive armor and components, parts and accessories not elsewhere controlled by this subchapter	40,215	306,673
	(f) Structural materials	1	300
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	85,658	5,115,588
	(l) Technical data	332	1,145,501
	<i>Category XIII Value Total</i>	<i>131,676</i>	<i>11,671,422</i>
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	5	167
	*(f) Components, parts, and associated equipment specifically designed or modified for military operations and compatibility with military equipment	101,230	2,524,256
	(h) Medical countermeasures specifically designed or modified for use with chemical agents listed in (a), and vaccines with the sole purpose of protecting against biological agents identified in (b)	51,200	549,250
	(i) Modeling or simulation tools specifically designed or modified for chemical or biological weapons design, development or employment	2	50
	(m) Technical data	14	97,561
	<i>Category XIV Value Total</i>	<i>152,451</i>	<i>3,171,284</i>

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part I – Authorized Defense Articles, FY 2008

<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED KINGDOM (cont.)			
Category XV	Spacecraft Systems and Associated Equipment		
	*(a) Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	2	140,616,801
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	10	700,000
	(c) Global Positioning System (GPS) receiving equipment	484	1,545,945
	(d) Radiation-hardened microelectronics	60	18,900
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	12,504	27,618,566
	(f) Technical data	124	640,957
	<i>Category XV Value Total</i>	<i>13,184</i>	<i>171,141,169</i>
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	*(a) Any article, material, equipment, or device which is specifically designed or modified for use in the design, development, or fabrication of nuclear weapons or nuclear explosive devices	1	17,275
	*(c) Nuclear radiation detection and measurement devices	2	1,560
	(d) Components, parts, and associated equipment specifically designed or modified for the articles in this category	10	1,225,105
	(e) Technical data	8	50,070
	<i>Category XVI Value Total</i>	<i>21</i>	<i>1,294,010</i>
Category XVIII	Directed Energy Weapons		
	(e) Components, parts, and associated equipment specifically designed or modified for the articles in (a) through (d)	315	75,162
	<i>Category XVIII Value Total</i>	<i>315</i>	<i>75,162</i>
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	*(a) Submersible vessels, manned or unmanned, tethered or untethered, designed or modified for military purposes, or powered by nuclear propulsion plants	4	4,178,233

**Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part I – Authorized Defense Articles, FY 2008**

<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
UNITED KINGDOM			
(cont.)			
Category XX (cont.)	Submersible Vessels, Oceanographic and Associated Equipment		
	(c) Components, parts, and associated equipment specifically designed or modified for any of the articles in (a) and (b)	1,205	1,084,764
	(d) Technical data	12	103,356
	<i>Category XX Value Total</i>	1,221	5,366,353
Category XXI	Miscellaneous Articles		
	(a) Any article not specifically enumerated in the other categories which has substantial military applicability and which has been specifically designed, developed, etc. for military purposes	1,752	347,250
	(b) Technical data	7	660,700
	<i>Category XXI Value Total</i>	1,759	1,007,950
	UNITED KINGDOM Country Total Authorized	274,194,489	2,404,004,777
	UNITED KINGDOM Country Total Shipments		3,103,868,000
UNITED NATIONS			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	(h) Components, parts and associated equipment	24	5,076
	<i>Category I Value Total</i>	24	5,076
Category IX	Military Training Equipment and Training		
	(e) Technical data	2	1,700
	<i>Category IX Value Total</i>	2	1,700
	UNITED NATIONS Country Total Authorized	26	6,776
	UNITED NATIONS Country Total Shipments		N/A
URUGUAY			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	2,139	321,360
	*(b) Fully automatic firearms	40	38,080
	(h) Components, parts and associated equipment	24	240
	<i>Category I Value Total</i>	2,203	359,680
Category III	Ammunition/Ordnance		
	*(a) Ammunition/ordnance for Categories I&II articles	10,420,000	609,200

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part I – Authorized Defense Articles, FY 2008

<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
URUGUAY (cont.)			
Category III (cont.)	Ammunition/Ordnance		
	(d)(3) All other components, parts and associated equipment	1,042,000	37,740
	<i>Category III Value Total</i>	<i>11,462,000</i>	<i>646,940</i>
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	*(a) Rockets, bombs, grenades, torpedoes, depth charges, land and naval mines, launchers for such defense articles, and demolition blocks and blasting caps	250	7,064
	<i>Category IV Value Total</i>	<i>250</i>	<i>7,064</i>
Category VI	Vessels of War and Special Naval Equipment		
	(b) Patrol craft without armor, armament or mounting surfaces for weapon systems more significant than .50 caliber machine guns and auxiliary vessels	16	2,716,096
	<i>Category VI Value Total</i>	<i>16</i>	<i>2,716,096</i>
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	208	3,127,512
	<i>Category VIII Value Total</i>	<i>208</i>	<i>3,127,512</i>
Category X	Protective Personnel Equipment and Shelters		
	(a) Protective personnel equipment	1	1,238
	(d) Components, parts and associated equipment	12	12,660
	<i>Category X Value Total</i>	<i>13</i>	<i>13,898</i>
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	70	6,920
	<i>Category XI Value Total</i>	<i>70</i>	<i>6,920</i>
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(c) Infrared focal plane array detectors; image intensification and other night sighting equipment or systems; second generation and above military image intensification tubes, and infrared, visible and ultraviolet devices	6	71,880
	(e) Components, parts and associated equipment	3	65,862
	<i>Category XII Value Total</i>	<i>9</i>	<i>137,742</i>
Category XIII	Auxiliary Military Equipment		
	(h) Energy conversion devices for producing electrical energy from nuclear, thermal, or solar energy, or from chemical reaction	2	7,650
	<i>Category XIII Value Total</i>	<i>2</i>	<i>7,650</i>

**Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part I – Authorized Defense Articles, FY 2008**

<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
URUGUAY (cont.)			
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(d) Tear gases and riot control agents	1,050	21,460
	<i>Category XIV Value Total</i>	1,050	21,460
	URUGUAY Country Total Authorized	11,465,821	7,044,962
	URUGUAY Country Total Shipments		1,302,000
UZBEKISTAN			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	10	18,250
	<i>Category I Value Total</i>	10	18,250
	UZBEKISTAN Country Total Authorized	10	18,250
	UZBEKISTAN Country Total Shipments		81,000
VANUATU			
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	100,000	3,000
	<i>Category III Value Total</i>	100,000	3,000
	VANUATU Country Total Authorized	100,000	3,000
	VANUATU Country Total Shipments		-
VARIOUS			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	(i) Technical data	7	700
	<i>Category I Value Total</i>	7	700
Category II	Guns and Armament		
	(k) Technical data	15	1,500
	<i>Category II Value Total</i>	15	1,500
Category III	Ammunition/Ordnance		
	(e) Technical data	22	3,320
	<i>Category III Value Total</i>	22	3,320
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) and (b)	10	500
	(i) Technical data	14,929	315,906
	<i>Category IV Value Total</i>	14,939	316,406

Commercial Exports Licensed or Approved Under the Arms Export Control Act
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<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
VARIOUS (cont.)			
Category V	Explosives and Energetic Materials, Propellants, Incendiary Agents and Their Constituents		
	(h) Technical data	1	200
	<i>Category V Value Total</i>	1	200
Category VI	Vessels of War and Special Naval Equipment		
	(f) Components, parts and associated equipment	1	250
	(g) Technical data	327	126,260
	<i>Category VI Value Total</i>	328	126,510
Category VII	Tanks and Military Vehicles		
	*(f) Engines specifically designed or modified for the vehicles in (a), (b), and (e)	20	291,500
	(g) Components, parts and associated equipment	112	917,500
	(h) Technical data	699	2,584,700
	<i>Category VII Value Total</i>	831	3,793,700
Category VIII	Aircraft and Associated Equipment		
	*(e) Inertial navigation systems, aided or hybrid inertial navigation systems, Inertial Measurement Units, and Attitude and Heading Reference Systems	1	1,000
	(h) Components, parts and associated equipment	14	1,400
	(i) Technical data	1,437	3,341,357
	<i>Category VIII Value Total</i>	1,452	3,343,757
Category IX	Military Training Equipment and Training		
	(a) Training equipment	5	800
	(b) Simulation devices for the items covered by this subchapter	371	35,670,880
	(c) Tooling and equipment specifically designed or modified for the production of articles controlled by this category	15	64,083
	(d) Components, parts and associated equipment	25	500
	(e) Technical data	6,847	9,628,335
	<i>Category IX Value Total</i>	7,263	45,364,598
Category X	Protective Personnel Equipment and Shelters		
	(d) Components, parts and associated equipment	1	250
	(e) Technical data	7	5,600
	<i>Category X Value Total</i>	8	5,850
Category XI	Military Electronics		
	*(a)(5) Command, control and communications systems to include radios (transceivers), navigation, and identification equipment	3,000	300,000
	(c) Components, parts and associated equipment	49	34,077
	(d) Technical data	6,900	51,270,212
	<i>Category XI Value Total</i>	9,949	51,604,289

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part I – Authorized Defense Articles, FY 2008

<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
VARIOUS (cont.)			
Category XII	Fire Control, Range Finder, Optical and Guidance and Control Equipment		
	*(d) Inertial platforms and sensors for weapons or weapon systems; guidance, control and stabilization systems except for those systems covered in Category VIII; astro-compasses and star trackers and military accelerometers and gyros	1	1,000
	(f) Technical data	260	221,363
	<i>Category XII Value Total</i>	261	222,363
Category XIII	Auxiliary Military Equipment		
	(l) Technical data	39	2,352,426
	<i>Category XIII Value Total</i>	39	2,352,426
Category XIV	Toxicological Agents, Including Chemical Agents, Biological Agents and Associated Equipment		
	(m) Technical data	58	1,360
	<i>Category XIV Value Total</i>	58	1,360
Category XV	Spacecraft Systems and Associated Equipment		
	(b) Ground control stations for telemetry, tracking and control of spacecraft or satellites, or employing any of the cryptographic items controlled under Category XIII	3	74,000
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	3	132,000
	(f) Technical data	41,633	58,018,757
	<i>Category XV Value Total</i>	41,639	58,224,757
Category XVI	Nuclear Weapons, Design and Testing Related Items		
	(e) Technical data	2	10,100
	<i>Category XVI Value Total</i>	2	10,100
Category XVIII	Directed Energy Weapons		
	(f) Technical data	121	13,600
	<i>Category XVIII Value Total</i>	121	13,600
Category XX	Submersible Vessels, Oceanographic and Associated Equipment		
	(d) Technical data	102	1,000,100
	<i>Category XX Value Total</i>	102	1,000,100
Category XXI	Miscellaneous Articles		
	(b) Technical data	53	9,430,671
	<i>Category XXI Value Total</i>	53	9,430,671
	VARIOUS Country Total Authorized	77,090	175,816,207
	VARIOUS Country Total Shipments		N/A

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part I – Authorized Defense Articles, FY 2008

<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
VIET NAM			
Category IV	Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs and Mines		
	(c) Devices and materials for the handling, control, activation, monitoring, detection, protection, discharge, or detonation of the articles in (a) or (b)	71	2,104,799
	(h) Components, parts and associated equipment	2,202	261,400
	(i) Technical data	1	1
	<i>Category IV Value Total</i>	2,274	2,366,200
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	10	423,090
	(i) Technical data	16	16
	<i>Category VIII Value Total</i>	26	423,106
Category X	Protective Personnel Equipment and Shelters		
	(e) Technical data	1	3,000
	<i>Category X Value Total</i>	1	3,000
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	1	10
	(d) Technical data	15	208,501
	<i>Category XI Value Total</i>	16	208,511
Category XV	Spacecraft Systems and Associated Equipment		
	*(a) Spacecraft, including communications satellites, remote sensing satellites, scientific satellites, research satellites, navigation satellites, experimental and multi-mission satellites	1	84,702,750
	(e) Components, parts, and associated equipment specifically designed or modified for the systems or subsystems of this category: satellite fuel, ground support equipment, test equipment, etc.	5	514,999
	(f) Technical data	1	50,000
	<i>Category XV Value Total</i>	7	85,267,749
	VIET NAM Country Total Authorized	2,324	88,268,566
	VIET NAM Country Total Shipments		96,000
WESTERN SOMOA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	2	895
	<i>Category I Value Total</i>	2	895
	WESTERN SAMOA Country Total Authorized	2	895
	WESTERN SAMOA Country Total Shipments		5,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part I – Authorized Defense Articles, FY 2008

<i>Country Name</i>		<i>Quantity</i>	<i>Value</i>
YEMEN			
Category II	Guns and Armament		
	(j) Components, parts and associated equipment	1	195
	<i>Category II Value Total</i>	1	195
Category VI	Vessels of War and Special Naval Equipment		
	(g) Technical data	1	100
	<i>Category VI Value Total</i>	1	100
Category VII	Tanks and Military Vehicles		
	(h) Technical data	1,032	1,336,040
	<i>Category VII Value Total</i>	1,032	1,336,040
Category VIII	Aircraft and Associated Equipment		
	(h) Components, parts and associated equipment	1,570	17,747,392
	(i) Technical data	8	6,550
	<i>Category VIII Value Total</i>	1,578	17,753,942
Category X	Protective Personnel Equipment and Shelters		
	(e) Technical data	1	3,000
	<i>Category X Value Total</i>	1	3,000
Category XI	Military Electronics		
	(c) Components, parts and associated equipment	1,510	89,550
	(d) Technical data	10	150
	<i>Category XI Value Total</i>	1,520	89,700
	YEMEN Country Total Authorized	4,133	19,182,977
	YEMEN Country Total Shipments		99,000
ZAMBIA			
Category I	Firearms, Close Assault Weapons and Combat Shotguns		
	*(a) Nonautomatic and semi-automatic firearms	32	9,672
	<i>Category I Value Total</i>	32	9,672
Category III	Ammunition/Ordnance		
	*(a)		
	Ammunition/ordnance for Categories I&II articles	500,000	120,000
	<i>Category III Value Total</i>	500,000	120,000
	ZAMBIA Country Total Authorized	500,032	129,672
	ZAMBIA Country Total Shipments		1,000
	GLOBAL TOTAL AUTHORIZED	3,130,377,192	34,190,869,901
	GLOBAL TOTAL SHIPMENTS		33,488,890,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act

PART II

FY 2008 Authorized Defense Services Under Section 38 of the AECA

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
AFGHANISTAN		
	IV	\$ 24,796,885
	VIII	\$ 50,000
	<i>Country Total</i>	<i>\$ 24,846,885</i>
ALGERIA		
	VIII	\$ 11,000,000
	VIII, IX and XI	\$ 30,000,000
	<i>Country Total</i>	<i>\$ 41,000,000</i>
ANGOLA		
	XI	\$ 100,000
	<i>Country Total</i>	<i>\$ 100,000</i>
ARGENTINA		
	VIII	\$ 9,825,000
	IX	\$ 1,231,920
	XII and XV	\$ 2,700,000
	XV	\$ 54,526,731
	<i>Country Total</i>	<i>\$ 68,283,651</i>
ARMENIA		
	XI and XIII	\$ 100,000
	<i>Country Total</i>	<i>\$ 100,000</i>
AUSTRALIA		
	I, II and III	\$ 1,575,000
	II, VII, IX and XII	\$ 3,100,000
	II and XII	\$ 4,000,000
	IV	\$ 91,534,618
	IV and VII	\$ 300,000
	IV, IX and XI	\$ 5,484,754
	V	\$ 1,101,000
	VI	\$ 60,352,000
	VII	\$ 54,021,000
	VII, IX, X, XI, XII, XIII and XVIII	\$ 300,000
	VIII	\$ 389,405,841
	VIII, IX and XI	\$ 1,000
	VIII and XI	\$ 12,090,335
	VIII and XII	\$ 20,750,000
	IX	\$ 90,702,170
	IX and XI	\$ 2,575,000
	IX and XIII	\$ 18,752,820
	X	\$ 2,150,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
AUSTRALIA (cont.)		
	XI	\$ 315,451,982
	XI and XII	\$ 100
	XI, XII and XV	\$ 25,000
	XI and XIII	\$ 1,900,000
	XI, XIII and XV	\$ 35,000
	XI and XV	\$ 3,000,000
	XII	\$ 41,431,750
	XIII	\$ 32,821,500
	XIV	\$ 220,000
	XV	\$ 44,681,330
	XVII	\$ 1,000,000
	XVIII	\$ 150,000
	XX	\$ 50,001,000
	XXI	\$ 28,920,500
	Country Total	\$ 1,277,833,700
 AUSTRIA		
	II, III, IV, X and XIV	\$ 220,000
	IV	\$ 20,000
	VII	\$ 2,795,000
	VIII	\$ 6,110,000
	XI	\$ 3,450,000
	XV	\$ 25,500,000
	Country Total	\$ 38,095,000
 AZERBAIJAN		
	IX	\$ 7,200,156
	Country Total	\$ 7,200,156
 BAHAMAS		
	IX and XI	\$ 489,200
	Country Total	\$ 489,200
 BAHRAIN		
	VIII	\$ 47,727,000
	XII	\$ 35,550
	Country Total	\$ 47,762,550
 BANGLADESH		
	XI	\$ 3,000,000
	Country Total	\$ 3,000,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
BARBADOS		
	VIII	\$ 375,000
	<i>Country Total</i>	<i>\$ 375,000</i>
BELGIUM		
	I	\$ 725,000
	I, II and VII	\$ 2,000,000
	I and VIII	\$ 750,000
	II, III, IV, X and XIV	\$ 220,000
	IV	\$ 3,070,000
	IV and XI	\$ 2,401,000
	VIII	\$ 45,685,000
	X	\$ 3,325,000
	XI	\$ 8,145,997
	XI and XIII	\$ 100,000
	XII	\$ 1,720,000
	XV	\$ 600,000
	<i>Country Total</i>	<i>\$ 68,741,997</i>
BOTSWANA		
	VIII	\$ 5,000,000
	<i>Country Total</i>	<i>\$ 5,000,000</i>
BRAZIL		
	I	\$ 151,000
	IV	\$ 100,000
	VII	\$ 78,300,000
	VIII	\$ 389,932,614
	VIII and XI	\$ 300,000
	IX	\$ 1,230,000
	XI	\$ 17,716,115
	XII	\$ 2,475,000
	XV	\$ 10,600,000
	<i>Country Total</i>	<i>\$ 500,804,729</i>
BRUNEI		
	VIII	\$ 13,000,000
	IX	\$ 5,579,462
	XI	\$ 450,000
	XI and XIII	\$ 450,000
	<i>Country Total</i>	<i>\$ 19,479,462</i>
BULGARIA		
	IV	\$ 500,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	X and XII	\$	16,000,000
BULGARIA (cont.)			
	VIII	\$	42,000,000
	XI	\$	3,100,000
	XIII	\$	49,462
	<i>Country Total</i>	\$	45,649,462
CANADA			
	I	\$	360,000
	I and IX	\$	1,230,000
	II	\$	14,771,816
	II, III, IV, X and XIV	\$	220,000
	II, III, VII, XI, XII and XIV	\$	40,000
	II, VII and XII	\$	5,500,000
	III	\$	32,545,500
	III and XIV	\$	100,000
	IV	\$	43,781,000
	IV, VI, XI and XII	\$	2,500,000
	IV, VIII, X, XI and XII	\$	12,575,000
	IV, VIII, XI, XII and XV	\$	1,460,000
	IV, IX and XI	\$	901,000
	IV and XI	\$	5,000,000
	IV, XI, XII and XVII	\$	620,000
	IV and XV	\$	2,598,640
	VI	\$	99,840,410
	VI, VII, VIII and X	\$	13,000,000
	VI and XI	\$	241,000,000
	VII	\$	69,154,115
	VII, VIII, X, XI, XII, XIV and XV	\$	200,000
	VII and XI	\$	820,000
	VII, XI and XII	\$	2,560,000
	VII and XIII	\$	25,500,000
	VIII	\$	868,226,538
	VIII, IX and XI	\$	1,441,766,040
	VIII, X, XI and XII	\$	2,363,700
	VIII and XI	\$	12,770,000
	VIII, XI and XII	\$	3,250,000
	VIII and XII	\$	400,000
	VIII and XV	\$	200,000
	IX	\$	75,565,000
	XI	\$	814,540,411
	XI, XII and XV	\$	21,560,000
	XI and XIII	\$	19,055,000
	XI, XIII and XV	\$	3,000,000
	XI and XV	\$	600,000
	XII	\$	407,565,000
	XII and XIII	\$	2,689,650
	XII and XV	\$	3,800,000
	XIII	\$	44,780,848
	XIV	\$	15,475,500

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
CANADA (cont.)		
	XV	\$ 613,078,806
	<i>Country Total</i>	<i>\$ 4,942,963,974</i>
CAYMAN ISLANDS		
	I, II, III, IV, V, VII and XI	\$ 31,932,000
	I,II,VII, XI and XIII	\$ 2,200,000
	II and VII	\$ 258,000
	VII	\$ 40,068,000
	VII and XIII	\$ 2,300,000
	<i>Country Total</i>	<i>\$ 15,351,600</i>
CHILE		
	I	\$ 151,000
	II	\$ 450,000
	IV	\$ 500,000
	VI, IX, XI and XII	\$ 200,000
	VIII	\$ 1,000
	IX	\$ 10,000,000
	XI	\$ 13,672,144
	<i>Country Total</i>	<i>\$ 24,974,144</i>
COLOMBIA		
	I	\$ 751,000
	II	\$ 396,083
	VIII	\$ 17,980,280
	VIII, XI and XII	\$ 5,956,000
	VIII, XI, XIII and XV	\$ 2,622,600
	IX	\$ 1,500,000
	XI	\$ 16,084,500
	XII	\$ 6,991,040
	XV	\$ 5,000,000
	<i>Country Total</i>	<i>\$ 57,281,503</i>
CONGO		
	IX	\$ 6,965,272
	<i>Country Total</i>	<i>\$ 6,965,272</i>
COSTA RICA		
	I	\$ 14,414,788
	XI	\$ 5,410,000
	<i>Country Total</i>	<i>\$ 19,824,788</i>

**Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008**

Country	USML Category (ies)	License Value
CROATIA		
	VI	\$ 119,560
	<i>Country Total</i>	<i>\$ 119,560</i>
CYPRUS		
	VIII	\$ 500,000
	<i>Country Total</i>	<i>\$ 500,000</i>
CZECH REPUBLIC		
	VI	\$ 2,750,000
	VIII	\$ 71,830,000
	VIII, XI and XII	\$ 5,150,000
	XI	\$ 1,360,000
	XV	\$ 5,608,000
	<i>Country Total</i>	<i>\$ 86,698,000</i>
DENMARK		
	IV	\$ 3,477,000
	VI	\$ 1,969,000
	VII	\$ 90,000
	VIII	\$ 107,387,443
	VIII and XI	\$ 1,500,000
	XI	\$ 16,921,155
	XI and XIII	\$ 200,000
	XII	\$ 6,800,000
	XIII	\$ 5,818,455
	XV	\$ 15,645,000
	<i>Country Total</i>	<i>\$ 159,808,053</i>
DJIBOUTI		
	IX	\$ 74,500
	XI	\$ 500,000
	<i>Country Total</i>	<i>\$ 574,500</i>
DOMINICAN REPUBLIC		
	XI	\$ 171,000
	<i>Country Total</i>	<i>\$ 171,000</i>
ECUADOR		
	VIII	\$ 11,182,000
	XI	\$ 3,000,000
	XI and XV	\$ 1,000,000
	<i>Country Total</i>	<i>\$ 15,182,000</i>

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
EGYPT		
	III	\$ 20,000
	IV and XI	\$ 1,100,000
	VII	\$ 1,015,000
	VIII	\$ 18,600,000
	VIII and XI	\$ 14,000,000
	XI	\$ 6,250,000
	XII	\$ 7,044,378
	<i>Country Total</i>	<i>\$ 48,029,378</i>
FINLAND		
	VI	\$ 51,000
	VIII	\$ 20,710,160
	XI	\$ 146,848
	XII	\$ 42,500,000
	XIII	\$ 700,000
	XXI	\$ 350,000
	<i>Country Total</i>	<i>\$ 644,580,008</i>
FRANCE		
	III	\$ 13,695,000
	IV	\$ 66,205,000
	VI	\$ 3,177,764
	VII	\$ 1,600,000
	VII and VIII	\$ 800,000
	VII and IX	\$ 50,000,000
	VIII	\$ 275,648,434
	IX	\$ 3,178,888
	XI	\$ 94,003,342
	XI and XII	\$ 41,000
	XI and XIII	\$ 173,000
	XI and XV	\$ 1,882,000
	XII	\$ 12,753,000
	XIV	\$ 20,000,500
	XV	\$ 387,665,691
	XVIII	\$ 600,000
	XXI	\$ 40,000
	<i>Country Total</i>	<i>\$ 931,463,619</i>
GERMANY		
	I, II, IV, VI, VII, VIII, IX, X, XI, XII, XV, XVIII and XX	\$ 100
	I, III VI, VII, VIII, XI XII, XV and XX	\$ 8,400,000
	II, III, IV, X and XIV	\$ 220,000
	III	\$ 26,787,785
	IV	\$ 644,148,786

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
GERMANY (cont.)		
	IV and V	\$ 1,085,000
	IV, V, VII, X, XI, XII and XIII	\$ 1,000,000
	IV, VI and VIII	\$ 600,000
	IV, VI, VIII and XI	\$ 15,000
	IV, VII, IX, XI, XII and XIII	\$ 1,300,000
	IV and XII	\$ 300,000
	IV, XII and XV	\$ 10,000,000
	IV and XV	\$ 55,000
	VI	\$ 4,245,010
	VI, VII, VIII, IX and XI	\$ 600,000
	VII	\$ 39,016,500
	VII and VIII	\$ 88,850,000
	VII and XII	\$ 280,000
	VIII	\$ 826,781,163
	VIII and X	\$ 5,175,000
	IX	\$ 23,990,435
	IX and XI	\$ 2,098,778
	XI	\$ 193,178,473
	XI and XIII	\$ 700,000
	XII	\$ 206,927,580
	XIII	\$ 319,862
	XIV	\$ 14,615,000
	XV	\$ 64,033,700
	XXI	\$ 10,000,000
	Country Total	\$ 2,174,723,172
GREECE		
	III	\$ 170,000
	IV	\$ 1,500,000
	VI	\$ 1,700,000
	VII	\$ 81,990,000
	VIII	\$ 51,510,000
	IX	\$ 800,000
	XI	\$ 53,673,715
	XV	\$ 4,000,000
	Country Total	\$ 195,343,715
GUATEMALA		
	I, II, VIII, X and XIII	\$ 6,560,000
	Country Total	\$ 6,560,000
HONG KONG		
	XI	\$ 20,150,000
	XV	\$ 12,053,000
	Country Total	\$ 32,203,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
INDIA		
	IV	\$ 2,616,300
	IV and VII	\$ 51,990,000
	IV, VIII, XI, XII and XV	\$ 400,000
	IV, XI and XII	\$ 3,650,000
	VI	\$ 5,507,360
	VI, VII and VIII	\$ 3,000,000
	VI and XX	\$ 30,000,000
	VII	\$ 200,000
	VII and VIII	\$ 8,805,000
	VIII	\$ 459,200,178
	VIII, IX, XI, XII, XIII and XV	\$ 10,000,000
	VIII, XI and XIV	\$ 50,000
	XI	\$ 19,323,500
	XI and XV	\$ 9,500,000
	XII	\$ 68,000
	XIII	\$ 72,000
	XV	\$ 72,815,564
	Country Total	\$ 677,197,902
INDONESIA		
	VI	\$ 150,000
	VIII	\$ 6,300,000
	XI and XV	\$ 35,000,000
	XV	\$ 10,800,000
	Country Total	\$ 52,250,000
IRAQ		
	I, II, III, IV, IX and XXI	\$ 1,000,000
	IV	\$ 36,066,945
	IV, VIII and IX	\$ 25,162,000
	VII	\$ 199,011
	VIII	\$ 3,441,589
	VIII and XI	\$ 15,214,586
	IX and XXI	\$ 1,000,000
	XI and XIII	\$ 215,000
	XXI	\$ 1,262,083
	Country Total	\$ 83,561,214
IRELAND		
	VII	\$ 3,250,000
	VIII	\$ 5,400
	XV	\$ 50,000
	Country Total	\$ 3,305,400

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
ISRAEL		
	II	\$ 420,030,000
	III	\$ 194,602,000
	IV	\$ 90,353,069
	IV and V	\$ 63,000
	IV, V and XII	\$ 5,000,000
	IV, V, XII, XIII and XVII	\$ 1,750,000
	IV and VII	\$ 1,990,000
	IV, VIII, XI and XII	\$ 525,000
	IV, IX and XI	\$ 1,400,487
	IV and XI	\$ 19,200
	VI	\$ 25,040,000
	VII	\$ 45,210,000
	VII and XIII	\$ 47,000,000
	VII and XIV	\$ 1,500,000
	VIII	\$ 439,929,994
	VIII, XI and XII	\$ 1,090,000
	VIII and XIII	\$ 45,167,000
	IX	\$ 41,318,396
	X	\$ 1,961,972
	X and XII	\$ 5,500,000
	XI	\$ 328,951,302
	XI and XIII	\$ 1,588,000
	XI and XV	\$ 350,000
	XII	\$ 101,146,585
	XIII	\$ 1,677,101
	XV	\$ 5,570,000
	XXI	\$ 5,000,009
	Country Total	\$ 1,813,722,115
ITALY		
	I	\$ 39,670,000
	II	\$ 96,873,816
	III	\$ 22,000,000
	IV	\$ 82,926,000
	IV, V, VII, X, XI, XII and XIII	\$ 1,000,000
	IV, VII, IX and XII	\$ 7,000,000
	VI	\$ 14,800,000
	VII	\$ 2,704,000
	VII and VIII	\$ 350,000
	VIII	\$ 1,344,253,891
	VIII, IX and XII	\$ 149,817
	VIII and XI	\$ 150,000
	VIII, XI and XV	\$ 10,000
	IX	\$ 20,924,900
	IX and XII	\$ 30,000
	X	\$ 305,762
	XI	\$ 144,772,082
	XII	\$ 34,983,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
ITALY (cont.)		
	XIII	\$ 99,462
	XV	\$ 79,291,530
	Country Total	
JAPAN		
	I	\$ 217,725,000
	II	\$ 12,000,000
	II and III	\$ 13,000,000
	II, III, IV, VI, VII, IX, X, XI, XII and XV	\$ 7,800,000
	II and VII	\$ 112,025,000
	IV	\$ 3,234,935,513
	IV and V	\$ 648,700,000
	IV, VI, VII, XI, XII and XV	\$ 200,000
	IV and XII	\$ 5,050,000
	IV and XV	\$ 25,500
	VI	\$ 42,350,000
	VI and XXI	\$ 480,000
	VII, VIII, XI, XII and XV	\$ 70,000
	VIII	\$ 2,089,007,418
	VIII and XI	\$ 5,210,000
	IX	\$ 91,056,375
	IX and XIV	\$ 20,000
	X	\$ 525,697
	XI	\$ 1,305,645,496
	XII	\$ 711,444,019
	XII and XIII	\$ 4,364,990
	XIV	\$ 1,179,103
	XV	\$ 307,139,804
	Country Total	\$ 8,809,953,915
JORDAN		
	III	\$ 1,700,000
	IV, XI and XII	\$ 10,000,000
	VII	\$ 4,862,785
	VIII	\$ 17,031,365
	XI	\$ 6,465,000
	XI and XIII	\$ 100,000
	Country Total	\$ 40,159,150
KAZAKHSTAN		
	XI	\$ 2,670,750
	Country Total	\$ 2,670,750

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
KENYA		
	XI	\$ 100,000
	<i>Country Total</i>	<i>\$ 100,000</i>
KUWAIT		
	II, III, IV, VII, IX and XXI	\$ 200,000
	IV	\$ 1,675,000
	VII	\$ 22,330,000
	VIII	\$ 15,407,207
	IX	\$ 600,000
	IX and X	\$ 506,000
	X	\$ 3,084,695
	XI	\$ 57,688,000
	<i>Country Total</i>	<i>\$ 101,490,902</i>
LEBANON		
	XI	\$ 504,612
	<i>Country Total</i>	<i>\$ 504,612</i>
LIBYA		
	IX	\$ 100,000
	<i>Country Total</i>	<i>\$ 100,000</i>
LITHUANIA		
	VIII	\$ 42,000,000
	XIII	\$ 49,462
	<i>Country Total</i>	<i>\$ 42,049,462</i>
LUXEMBOURG		
	IV	\$ 5,480,000
	VIII	\$ 29,060,000
	XII	\$ 11,323,209
	XIII	\$ 249,462
	<i>Country Total</i>	<i>\$ 46,112,671</i>
MALAYSIA		
	III	\$ 75,000
	IV	\$ 22,264,640
	VIII	\$ 14,316,000
	IX	\$ 200,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
MALAYSIA (cont.)		
	XI	\$ 41,460,565
	XI and XIII	\$ 200,000
	XII	\$ 1,000,000
	XV	\$ 4,192,000
	VIII	\$ 11,250,000
	<i>Country Total</i>	<i>\$ 94,958,205</i>
MEXICO		
	I	\$ 17,947,886
	II, IV, VI, VII, VIII, XI, XII, XIII and XV	\$ 8,050,000
	II, VI, VII, VIII, XI and XX	\$ 27,500,000
	II and XII	\$ 2,200,000
	III, IV, X and XIV	\$ 220,000
	IV	\$ 33,065,206
	IV, VI and VII	\$ 200,000
	IV, VI, VII and VIII	\$ 1,466,833,250
	IV, VI, VII, VIII, IX and XIII	\$ 41,400,000
	IV, VI, VII, VIII, XI and XII	\$ 9,500,000
	IV, VI, VIII and XII	\$ 3,060,000
	IV, VIII and XI	\$ 41,602,000
	IV, VIII, XI and XII	\$ 538,500,000
	V, X, XI, XII and XIII	\$ 1,998,904
	VI	\$ 20,931,122
	VI, VII and VIII	\$ 17,472,000
	VI and VIII	\$ 268,000
	VI and XX	\$ 22,000,000
	VII	\$ 509,552,946
	VII and VIII	\$ 225,000
	VIII	\$ 858,662,150
	VIII and IX	\$ 2,650,000
	IX	\$ 1,520,000
	XI	\$ 123,769,799
	XII	\$ 1,291,388
	XV	\$ 14,300,000
	<i>Country Total</i>	<i>\$ 3,764,719,651</i>
MONTENEGRO		
	XXI	\$ 25,000
	<i>Country Total</i>	<i>\$ 25,000</i>
MOROCCO		
	II, III, VII, XI and XII	\$ 39,100,000
	<i>Country Total</i>	<i>\$ 39,100,000</i>

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
NETHERLANDS		
	II, VIII and XI	\$ 30,000
	IV	\$ 9,216,000
	IV, V, VII, X, XI and XII	\$ 500,000
	VI	\$ 1,750,000
	VII	\$ 10,500,000
	VIII	\$ 359,224,767
	VIII and XI	\$ 1,438,000
	VIII, XI and XV	\$ 671,309
	IX	\$ 257,133,200
	XI	\$ 52,639,000
	XI and XIII	\$ 1,000,000
	XII	\$ 5,495,000
	XIII	\$ 778,462
	XIV	\$ 916,075
	XV	\$ 3,534,500
	Country Total	\$ 704,826,313
NEW ZEALAND		
	IV	\$ 500,000
	VI	\$ 290,000
	VIII	\$ 50,000
	IX	\$ 677,120
	XI	\$ 18,412,500
	XI and XIII	\$ 100,000
	XIII	\$ 3,262,500
	XIV	\$ 252,000
	XV	\$ 500
	Country Total	\$ 23,544,620
NIGER		
	IV	\$ 488,367
	IX	\$ 4,466,323
	Country Total	\$ 4,954,690
NIGERIA		
	I, II, III, IV, V, VII, VIII, IX, X, XI, XII and XIII	\$ 2,500,000
	XI	\$ 500,000
	Country Total	\$ 3,000,000
NORWAY		
	I	\$ 6,000,000
	I and II	\$ 1,500,000
	I, II and III	\$ 85,000
	I,II and IV	\$ 195,000
	II	\$ 100,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
NORWAY (cont.)		
	II and III	\$ 5,350,000
	III	\$ 37,066,000
	IV	\$ 184,999,339
	IV and IX	\$ 319,773,005
	VI	\$ 770,000
	VII	\$ 15,100,000
	VII and XII	\$ 300,000
	VIII	\$ 219,923,792
	IX	\$ 42,550,000
	XI	\$ 81,546,384
	XI and XIII	\$ 145,000
	XI and XV	\$ 385,367
	XII	\$ 11,370,000
	XV	\$ 2,950,000
	Country Total	\$ 930,108,887
OMAN		
	IV	\$ 220,000
	VIII	\$ 34,700,000
	XI	\$ 775,000
	XI and XIII	\$ 500,000
	Country Total	\$ 36,195,000
PAKISTAN		
	IV	\$ 2,300,000
	VII	\$ 300,000
	VIII	\$ 15,887,709
	IX	\$ 1,800,000
	XI	\$ 8,200,600
	XI and XIII	\$ 2,000,000
	XII	\$ 6,485,000
	Country Total	\$ 36,973,309
PARAGUAY		
	VIII	\$ 4,400,000
	Country Total	\$ 4,400,000
PERU		
	IV	\$ 10,500,000
	VIII	\$ 43,375,000
	IX	\$ 473,410
	XI	\$ 3,000,000
	XI and XV	\$ 1,000,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
PERU (cont.)		
	XII	\$ 1,052,000
	<i>Country Total</i>	<i>\$ 59,400,410</i>
PHILIPPINES		
	IX	\$ 1,050,000
	XI	\$ 2,346,000
	<i>Country Total</i>	<i>\$ 3,396,000</i>
POLAND		
	IV	\$ 3,200,000
	VII and VIII	\$ 150,000
	VIII	\$ 1,067,000,000
	IX	\$ 3,000,000
	XI	\$ 1,126,329
	XI and XIII	\$ 150,000
	XIII	\$ 3,249,462
	XV	\$ 3,024,000
	<i>Country Total</i>	<i>\$ 1,080,899,791</i>
PORTUGAL		
	I	\$ 210,225,000
	IV	\$ 1,600,000
	VIII	\$ 46,360,000
	VIII, XI and XII	\$ 250,000,000
	IX	\$ 700,000
	XI and XIII	\$ 200,000
	XIII	\$ 549,462
	<i>Country Total</i>	<i>\$ 509,634,462</i>
QATAR		
	I, II, III and XIV	\$ 448,589
	VIII	\$ 4,597,000
	<i>Country Total</i>	<i>\$ 5,045,589</i>
ROMANIA		
	IV	\$ 1,600,000
	VIII	\$ 48,400,000
	XI	\$ 130,926,500
	XII	\$ 1,545,000
	XIII	\$ 49,462
	<i>Country Total</i>	<i>\$ 182,520,962</i>

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
RUSSIA		
	IV	\$ 26,549,000
	IV, VIII, XI and XV	\$ 2,000,000
	IV and XV	\$ 1,814,447,000
	XV	\$ 2,571,028
	Country Total	\$ 1,845,567,028
SAUDI ARABIA		
	IV	\$ 157,057,281
	VI, XI and XII	\$ 12,000,000
	VII	\$ 5,572,000
	VIII	\$ 1,385,000,265
	VIII and XI	\$ 1,303,035
	IX	\$ 77,828,034
	XI	\$ 118,521,319
	XII	\$ 49,550,000
	XV	\$ 5,000,000
	Country Total	\$ 1,811,831,934
SINGAPORE		
	III	\$ 10,200,000
	IV	\$ 2,218,500
	IV and VII	\$ 45,000,000
	VI	\$ 29,070,000
	VII	\$ 13,650,000
	VIII	\$ 142,630,000
	VIII, IX, X, XI,XII and XIII	\$ 1,299,470,116
	IX	\$ 35,815,146
	XI	\$ 81,169,361
	XI and XIII	\$ 1,100,000
	XII	\$ 120,167,930
	XIII	\$ 100,000
	XIV	\$ 4,300,000
	XV	\$ 45,350,000
	Country Total	\$ 1,830,241,053
SLOVAKIA		
	XI	\$ 880,000
	Country Total	\$ 880,000
SLOVENIA		
	VII	\$ 111,130
	XI	\$ 10,050,000
	XIII	\$ 49,462
	Country Total	\$ 10,210,592

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
SOUTH AFRICA		
	III	\$ 115,000
	VI	\$ 162,000
	VII	\$ 542,651,000
	VIII	\$ 28,100,000
	IX	\$ 3,474,000
	XI	\$ 4,283,700
	XI and XIII	\$ 750,000
	XII	\$ 211,790
	XV	\$ 12,600,000
	<i>Country Total</i>	<i>\$ 592,347,490</i>
SOUTH KOREA		
	II	\$ 700,000
	II and III	\$ 1,105,000
	II and IV	\$ 1,060,000
	II and XI	\$ 11,300,000
	III	\$ 49,695,000
	IV	\$ 72,942,576
	VI	\$ 24,623,212
	VI and XI	\$ 460,000
	VII	\$ 151,090,400
	VIII	\$ 1,068,994,547
	VIII, IX and XI	\$ 1,000
	VIII, XI and XII	\$ 1,434,629
	IX	\$ 11,226,566
	XI	\$ 254,699,315
	XI and XV	\$ 225,000
	XI and XXI	\$ 100,000
	XII	\$ 92,438,703
	XIII	\$ 6,300,000
	XIV	\$ 2,300,000
	XV	\$ 49,857,815
	XXI	\$ 668,000
	<i>Country Total</i>	<i>\$ 1,801,221,763</i>
SPAIN		
	I and II	\$ 30,350,000
	II	\$ 33,000,000
	II, IV and XII	\$ 81,000,000
	IV	\$ 23,500,000
	VI	\$ 39,578,270
	VIII	\$ 64,330,000
	IX	\$ 800,000
	XI	\$ 81,007,509
	XII	\$ 65,220,000
	XV	\$ 16,885,900
	<i>Country Total</i>	<i>\$ 435,671,679</i>

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
SRI LANKA		
	VIII	\$ 1,000,000
	IX	\$ 1,100,000
	XI	\$ 9,700,000
	<i>Country Total</i>	<i>\$ 11,800,000</i>
SWEDEN		
	I and II	\$ 75,000
	II	\$ 2,645,000
	IV	\$ 13,850,000
	VI	\$ 2,617,717
	VII	\$ 9,505,500
	VIII	\$ 131,560,720
	IX	\$ 685,000
	X, XIV and XVII	\$ 883,500
	XI	\$ 152,622,568
	XI and XIII	\$ 250,000
	XII	\$ 54,722,500
	XV	\$ 7,460,017
	XXI	\$ 2,700,000
	<i>Country Total</i>	<i>\$ 379,577,522</i>
SWITZERLAND		
	III	\$ 20,000
	IV	\$ 500,000
	VI	\$ 6,150,000
	VII	\$ 3,500,000
	VIII	\$ 36,755,000
	VIII and XV	\$ 20,000
	IX	\$ 41,590,000
	XI	\$ 52,561,000
	XII	\$ 13,121,000
	XV	\$ 8,100,000
	<i>Country Total</i>	<i>\$ 162,317,000</i>
TAIWAN		
	III	\$ 13,919,110
	VI	\$ 6,580,001
	VII	\$ 21,900,000
	VII and XI	\$ 6,800,000
	VIII	\$ 1,275,980,000
	VIII and IX	\$ 2,000,000
	VIII, IX and XV	\$ 400,000
	IX	\$ 7,487,250
	XI	\$ 187,759,002
	XII	\$ 11,724,000
	XII and XIII	\$ 12,600,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
TAIWAN (cont.)		
	XIII	\$ 418,050
	XV	\$ 51,750,000
	<i>Country Total</i>	<i>\$ 1,599,317,413</i>
TANZANIA, UNITED REPUBLIC OF		
	IX	\$ 1,050,000
	<i>Country Total</i>	<i>\$ 1,050,000</i>
THAILAND		
	II	\$ 15,000,000
	VI, VII, VIII and XI	\$ 2,675,492
	VIII	\$ 39,492,501
	IX	\$ 800,000
	XI	\$ 21,235,500
	XII	\$ 12,947,992
	<i>Country Total</i>	<i>\$ 92,151,485</i>
TRINIDAD AND TOBAGO		
	VIII	\$ 5,000
	<i>Country Total</i>	<i>\$ 5,000</i>
TUNISIA		
	VIII	\$ 17,600,000
	<i>Country Total</i>	<i>\$ 17,600,000</i>
TURKEY		
	III and VII	\$ 744,000,000
	IV	\$ 28,538,014
	VII	\$ 4,800,000
	VIII	\$ 221,270,021
	VIII and XI	\$ 6,621,000
	IX	\$ 10,988,032
	XI	\$ 289,773,183
	XII	\$ 11,100,000
	XIII	\$ 49,462
	XV	\$ 350,000
	<i>Country Total</i>	<i>\$ 1,317,489,712</i>
UGANDA		
	XI and XIII	\$ 126,325
	<i>Country Total</i>	<i>\$ 126,325</i>

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
UKRAINE		
	VIII	\$ 5,000,000
	XI	\$ 100,000
	XI and XIII	\$ 200,000
	<i>Country Total</i>	<i>\$ 5,300,000</i>
UNITED ARAB EMIRATES		
	I, II, III, IV and VII	\$ 45,050,000
	I, III, VI VII, VIII X, and XII	\$ 1,014,374
	I, VII, VIII, XI and XII	\$ 53,190,630
	I, VIII, IX, XI and XII	\$ 387,585
	II, III, IV, X and XIV	\$ 220,000
	IV	\$ 17,550,000
	IV and IX	\$ 5,000,000
	VII	\$ 230,000
	VIII	\$ 410,149,950
	IX	\$ 5,800,000
	IX and VIII	\$ 1,459,634
	XI	\$ 82,182,000
	XII	\$ 12,933,040
	XV	\$ 4,250,000
	XVII	\$ 4,914,000
	XXI	\$ 13,572,000
	<i>Country Total</i>	<i>\$ 657,903,213</i>
UNITED KINGDOM		
	I, II and III	\$ 5,750,000
	I, II, III and IV	\$ 100,000
	I, II, IV, VI, VII, VIII, IX, X, XI, XII, XV, XVIII and XX	\$ 100
	II	\$ 33,049,000
	II and III	\$ 3,775,000
	II, III, IV, VII, VIII, X, XI, XII XV and XVI	\$ 24,000,000
	II, III, IV, X and XIV	\$ 440,000
	II, III and XII	\$ 3,250,000
	II and VII	\$ 3,400,000
	III	\$ 500,000
	IV	\$ 301,204,148
	IV and V	\$ 6,827,212
	IV, V and XIV	\$ 900,000
	IV, VI, IX, XI, XII and XX	\$ 2,500,000
	IV, VI, IX, XII and XX	\$ 1,000,000
	IV, VII and VIII	\$ 760,000
	IV, VII, VIII and XIII	\$ 1,200,000
	IV and VIII	\$ 52,000
	IV and XI	\$ 1,299,612
	IV, XI, XII and XV	\$ 10,000,000
	IV and XII	\$ 42,500,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
UNITED KINGDOM (cont.)		
	IV and XIV	\$ 1,300,000
	IV and XV	\$ 3,200,000
	IV and XV	\$ 50,000
	IV and XX	\$ 1,040,000
	V	\$ 140,000
	VI	\$ 272,031,322
	VI, VII, VIII, XVIII and XXI	\$ 3,050,000
	VI, XI and XII	\$ 500,000
	VI and XX	\$ 42,000,000
	VII	\$ 218,425,600
	VII, X and XIV	\$ 50,000
	VII and XI	\$ 2,777,850
	VII and XII	\$ 7,350,000
	VII and XIII	\$ 19,125,000
	VIII	\$ 3,072,921,039
	VIII and IX	\$ 1,000,000
	VIII and X	\$ 4,050,000
	VIII and XI	\$ 145,441,213
	VIII and XII	\$ 800,000
	VIII and XIII	\$ 7,623,611
	VIII and XIV	\$ 93,000
	IX	\$ 321,605,892
	IX and XI	\$ 500
	IX and XII	\$ 11,416,140
	IX and XIII	\$ 2,000,000
	X	\$ 12,681,500
	X and XI	\$ 45,000,000
	X and XII	\$ 10,810,000
	X and XXI	\$ 1,200,000
	XI	\$ 2,366,595,545
	XI and XII	\$ 34,500,000
	XI and XIII	\$ 3,385,000
	XI and XV	\$ 13,165,000
	XII	\$ 385,717,122
	XIII	\$ 68,075,939
	XIII and XV	\$ 1,600,000
	XIII and XXI	\$ 20,000
	XIV	\$ 97,308,142
	XIV and XVI	\$ 10,000,000
	XV	\$ 268,854,240
	XVI	\$ 7,000,000
	XX	\$ 4,952,118
	XXI	\$ 40,355,000
	<i>Country Total</i>	<i>\$ 7,951,717,845</i>
URUGUAY		
	VI	\$ 11,000,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
URUGUAY (cont.)		
	IX	\$ 410,640
	<i>Country Total</i>	<i>\$ 11,410,640</i>
VARIOUS		
	I and II	\$ 8,200,000
	I, II and III	\$ 23,500,000
	I, II, III, IV, VII, X, XI, XII, XIII, XIV and XV	\$ 1,100,000
	I, II and VII	\$ 45,897,000
	I, II, VII, XI and XII	\$ 179,250,000
	I, IV, VIII, XI, XII, XIII and XV	\$ 4,859,190
	I, VII, X and XIV	\$ 5,000,000
	II	\$ 231,716,000
	II and III	\$ 35,250,000
	II, III, IV, VII, VIII, IX, XI, XII, XIII, XIV and XV	\$ 64,000,000
	II, III, VII, VIII, IX, X, XI, XII and XIII	\$ 910,000
	II, III, VII and XII	\$ 100,000
	II, III and XII	\$ 7,910,000
	II and IV	\$ 8,000,000
	II, IV, VI, XI and XII	\$ 30,000,000
	II, IV, VIII, XI, XII and XIII	\$ 15,000,000
	II and VI	\$ 2,200,000
	II, VII, IX and XI	\$ 40,946,380
	II, VII, IX and XII	\$ 30,000,000
	II and XII	\$ 12,811,196
	III	\$ 64,961,500
	III, IV, V, VIII, IX, X, XI, XII, XIII, XIV and XV	\$ 200,000
	IV	\$ 5,605,677,996
	IV, V, VI and XV	\$ 1,785,000,000
	IV, V, VII, X, XI, XII and XIII	\$ 1,000,000
	IV, V and XV	\$ 7,600,000
	IV, VI and VIII	\$ 500,000
	IV and VII	\$ 1,846,500
	IV, VII, VIII and XIII	\$ 53,200,000
	IV, VII, IX and XII	\$ 7,000,000
	IV, VII, XI and XII	\$ 14,000,000
	IV, VIII and XI	\$ 40,100,000
	IV, VIII, XI, XIII and XXI	\$ 6,000
	IV and XI	\$ 18,358,453
	IV, XI and XII	\$ 1,000
	IV, XI and XV	\$ 1,200,000
	IV and XV	\$ 52,791,800
	V	\$ 1,725,000
	V and VI	\$ 2,500,000
	VI	\$ 198,950,720
	VI, VII, VIII and X	\$ 21,150,000
	VI, VII, VIII, XI and XII	\$ 1,380,000
	VI and VIII	\$ 325,000

Commercial Exports Licensed or Approved Under the Arms Export Control Act
Part II – Authorized Defense Services, FY2008

Country	USML Category (ies)	License Value
VARIOUS (cont.)		
	VI, VIII, XI, XII and XX	\$ 3,000,000
	VI and XI	\$ 500,000
	VI and XX	\$ 56,006,000
	VII	\$ 435,954,370
	VII and VIII	\$ 1,466,000
	VII and X	\$ 250,000
	VII, XI and XII	\$ 2,546,000
	VII and XII	\$ 5,860,000
	VII and XIII	\$ 36,230,000
	VII and XV	\$ 40,000
	VII and XVII	\$ 330,000
	VIII	\$ 2,546,580,273
	VIII and IX	\$ 1,336,000
	VIII, IX and XI	\$ 39,818,959
	VIII, IX, XI and XII	\$ 543,221,130
	VIII, IX, XI and XIII	\$ 59,490,393
	VIII, IX, XI, XIII, XV and XVII	\$ 3,500
	VIII, IX and XII	\$ 1,000,000
	VIII and XI	\$ 549,847,212
	VIII, XI and XII	\$ 10,008,300
	VIII, XI, XII and XIII	\$ 2,250,000
	VIII, XI and XIII	\$ 11,000,000
	VIII and XII	\$ 25,220,000
	IX	\$ 276,650,035
	IX and XI	\$ 46,600,000
	IX, XI, XII, XIII, XIV, XVI and XVII	\$ 1,250,000
	IX, XII, XXI and XV	\$ 400,000
	IX and XXI	\$ 100,000
	X	\$ 1,805,000
	X and XI	\$ 240,000
	XI	\$ 2,718,438,786
	XI and XII	\$ 16,350,000
	XI and XIII	\$ 6,951,000
	XI, XIII and XV	\$ 13,000,000
	XI and XV	\$ 75,250,000
	XII	\$ 419,806,380
	XII and XV	\$ 5,293,471
	XIII	\$ 11,927,750
	XIV	\$ 2,005,400
	XV	\$ 2,799,582,851
	XXI	\$ 13,808,507
	Country Total	\$ 19,367,541,052
VIETNAM		
	XV	\$ 2,000,000
	Country Total	\$ 2,000,000
	Global Total	\$ 71,261,033,636

Foreign Military Financing
Direct Loan Financing Account – Total Program (11X4122)
(\$ in millions)

Fiscal Year	Request	Financing Authority
1992	313.961	345.000 (a)
1993	360.000	855.000 (b)
1994	855.000	769.500 (c)
1995	770.000	619.650 (d)
1996	765.000	544.000 (e)
1997	370.028	540.000 (f)
1998	699.500	200.000 (g)
1999	167.024	117.855 (h)
2000	0.000	0.000
2001	0.000	0.000
2002	0.000	0.000
2003	3,800.000	3,800.000 (i)
2004	550.000	550.000 (j)
2005	0.000	0.000
2006	0.000	0.000
2007	0.000	0.000
2008	0.000	0.000
2009	0.000	0.000
2010	0.000	0.000

- (a) Continuing Resolution Authority (P.L. 102-109 and P.L. 102-145).
(b) P.L. 102-391 provides financing authority for direct loans of \$855M for FY 1993.
(c) P.L. 103-87 provides financing authority for direct loans of \$769.5M for FY 1994.
(d) P.L. 103-306 provides financing authority for direct loans of \$619.65M for FY 1995.
(e) P.L. 104-107 provides financing authority for direct loans of \$544M for FY 1996.
(f) P.L. 104-208 provides financing authority for direct loans of \$540M for FY 1997.
(g) P.L. 105-118 provides financing authority for direct loans of \$200M for FY 1998.
(h) P.L. 105-277 provides financing authority for direct loans of \$167M for FY 1999.
(i) Continuing Resolution Authority (P.L. 107-229)
(j) Continuing Resolution Authority (P.L. 108-84); Authority expired unused on 9/3/2004.

Foreign Military Financing
Direct Loan Subsidy Element
(\$ in millions)

Fiscal Year	Request	Appropriated
1992	57.490	50.148 (a)(b)
1993	63.332	149.200 (c)
1994	120.457	46.530 (d)
1995	59.598	47.917 (e)
1996	89.888	64.400 (f)
1997	40.000	60.000 (g)
1998	66.000	60.000 (h)
1999	20.000	20.000 (i)
2000	0.000	0.000
2001	0.000	0.000
2002	0.000	0.000
2003	0.000	0.000
2004	0.000	0.000
2005	0.000	0.000
2006	0.000	0.000
2007	0.000	0.000
2008	0.000	0.000
2009	0.000	0.000
2010	0.000	0.000

- (a) Authorization waived under P.L. 102-109 and P.L. 102-145.
- (b) P.L. 102-266 appropriated \$50.9M for FY 1992 and reduced the appropriation by \$.752M for a net availability of \$50.148M.
- (c) P.L. 102-391 appropriated \$149.2M for FY 1993. The Authorization was waived.
- (d) P.L. 103-87 appropriated \$46.53M for FY 1994. The Authorization was waived.
- (e) P.L. 103-306 appropriated \$47.917M for FY 1995. The Authorization was waived.
- (f) P.L. 104-107 appropriated \$64.4M for FY 1996. The Authorization was waived.
- (g) P.L. 104-208 appropriated \$60M for FY 1997. The Authorization was waived.
- (h) P.L. 105-118 appropriated \$60M for FY 1998. \$40M will be transferred to the FMF Grant Account. The Authorization was waived.
- (i) P.L. 105-277 appropriated \$20M for FY 1999. The Authorization was waived.

Foreign Military Financing Grants (11-1082)
(\$ in millions)

	Actual FY 2008	Estimated FY 2009	Proposed FY 2010
Appropriated Funds			
Egypt Grant	1,289.470	1,300.000	1,300.000
Israel Grant	2,380.560	2,380.000	2,775.000
Jordan Grant	298.380	235.000	300.000
Other Countries Grants	541.999	668.580	844.926
Administrative Costs	41.561	51.420	54.464
Rescission	36.355	—	—
Total FMF Appropriation	<u>4,588.325</u>	<u>4,635.000</u>	<u>5,274.390</u>
Less: Appropriation Rescinded	-36.355		
Plus: Transfers In (FY08 ACP)		2.480	
Less: Transfers Out (FY 08 D&CP)	-3.968		
Plus: Supplemental Appropriation	170.500	302.500	
Less: Supplemental Appropriation Unobligated	-18.191		
Plus: FY 08 Supplemental Appropriation Obligated		18.191	
Plus: Resources available from MAP Sales	.073		
Less: MAP Receipts Unobligated at E-O-FY	-.073		
Total Budgetary Resources Obligated	<u>4,700.311</u>	<u>4,958.171</u>	<u>5,274.390</u>
 Total FMF Outlays (Net)	 4,661.000	 4,910.000	 5,220.000

Foreign Military Financing Program Account (11-1085)
(\$ in millions)

	Actual FY 2008	Estimated FY 2009	Proposed FY 2010
Budget Authority			
Direct Loan Subsidy Appropriation	0.000	0.000	0.000
Subsidy Re-estimates	<u>22.377</u>	<u>86.000</u>	<u>0.000</u>
Total Budget Authority	22.377	86.000	0.000
 Total Obligations	 22.377	 86.000	 0.000
 Outlays (Net)	 22.377	 86.000	 0.000

Foreign Military Loan Liquidating Account (11X4121)
(\$ in millions)

	Actual FY 2008	Estimated FY 2009	Proposed FY 2010
Budget Authority for Guarantee Claims:			
Permanent Indefinite Authority	10.544	9.700	8.707
Collections of Guarantee Claims	<u>0.000</u>	<u>0.000</u>	<u>0.000</u>
Total Budget Authority	10.544	9.700	8.707
 Total Obligations and Disbursements for Guaranteed Claims	 10.544	 9.700	 8.707
 Offsetting Collections			
Loan Purchase for Debt Reduction	0.000	0.000	0.000
Repayment of Direct Loans	-207.724	-56.000	-60.000
Repayment of FFB Loans	<u>0.000</u>	<u>-135.000</u>	<u>-128.000</u>
Total Offsetting Collections	-207.724	-191.000	-188.000
 Outlays (Net)	 -197.000	 -181.000	 -179.000

Foreign Military Financing Program/Grants
(\$ in millions)

Fiscal Year	Request		Authorized		Appropriated	
	Budget Authority	Program	Budget Authority	Program	Budget Authority	Program
1970 (1)	275.000	350.000	250.000	340.000	70.000	0.000
1971	772.500	885.000	750.000 (a)	840.000 (a)	700.000 (a)	0.000
1972	510.000	582.000	400.000	550.000	400.000	0.000
1973	527.000	629.000	400.000 (b)	550.000	400.000 (b)	0.000
1974	2,725.000	2,960.000	2,525.000 (c)	2,930.000 (c)	2,525.000 (c)	0.000
1975	555.000	872.000	405.000	872.500	300.000	0.000
1976 (d)	2,430.200	2,430.200	1,298.750	2,968.375	1,205.000	0.000
1977	2,179.600	2,179.600	740.000	2,022.100	740.000	0.000
1978	707.750	2,217.500	682.000	2,152.350	675.850	0.000
1979 (e)	1,042.500	5,767.500	1,044.300	6,155.500	1,024.500	0.000
1980	658.880 (f)	2,188.000 (f)	673.500	2,235.000	645.000 (b)	0.000
1981	734.000	2,840.000 (g)	500.000	3,116.000	500.000 (b)	3,046.187 (b)
1982	1,481.800	4,054.400	800.000	4,069.525	800.000	3,883.500
1983	950.000 (h)	5,273.300 (h)	800.000	4,169.525	1,175.000 (b)	5,106.500 (b)
1984	1,000.000	5,656.000	1,315.000	5,761.500	1,315.000 (b)	5,716.250 (b)
1985	5,100.000	5,100.000	(i)	(i)	4,939.500 (b)	4,939.500 (b)
1986	5,655.000	5,655.000	5,371.000	5,371.000	5,190.000	5,190.000 (j)
1987	5,861.000 (k)	5,661.000	(i)	(i)	4,053.441 (l)	4,053.441 (l)
1988	4,421.150	4,421.150	(m)	(m)	4,017.000 (n)	4,049.000
1989	4,460.000	4,460.000	(o)	(o)	4,272.750	4,272.750
1990	5,027.000	5,027.000	(p)	(p)	4,827.642	4,827.642 (q)
1991	5,016.900	5,016.900	(r)	(r)	4,663.421 (s)	4,663.421 (s)
1992	4,610.000	4,610.000	(t)	(t)	3,928.548 (u)	3,928.548 (u)
1993	4,099.225	4,099.225	(v)	(v)	3,245.414 (w)	3,245.414 (w)
1994	3,231.657	3,232.157	(x)	(x)	3,052.397 (x)	3,052.397 (x)
1995	3,130.858	3,130.858	(y)	(y)	3,151.279 (y)	3,151.279 (y)
1996	3,262.020	3,262.020	(z)	(z)	3,208.390 (z)	3,208.390 (z)
1996 Sup	70.000 (A)	70.000 (A)	(A)	(A)	70.000 (A)	70.000 (A)
1997	3,228.250	3,228.250	(B)	(B)	3,224.000 (B)	3,224.000 (B)
1998	3,274.250	3,274.250	(C)	(C)	3,296.550 (C)	3,296.550 (C)
1999	3,275.910	3,275.910	(D)	(D)	3,380.000 (D)	3,380.000 (D)
2000	3,430.000	3,430.000	(E)	(E)	4,819.994 (E)	4,819.994 (E)
2001	3,538.200	3,538.200	3,550.000	3,550.000	3,576.000 (F)	3,576.000 (F)
2002	3,674.000	3,674.000	3,627.000	3,627.000	3,650.000 (G)	3,695.000 (H)
2002 Sup	387.000	387.000	(I)	(I)	357.000 (I)	357.000 (I)
2003	4,107.200	4,107.200	4,107.200	4,107.200	4,072.000 (J)	4,072.000 (J)
2003 Sup	2,059.100	2,059.100	(K)	(K)	2,059.100 (K)	2,059.100 (K)
2004	4,414.000	4,414.000	(L)	(L)	4,337.182 (L)	4,337.182 (L)
2004 Sup	287.000	287.000	(M)	(M)	287.000 (M)	287.000 (M)
2005	4,957.500	4,957.500	(N)	(N)	4,783.500 (N)	4,783.500 (N)
2005 Sup	250.000	250.000	(O)	(O)	250.000 (O)	250.000 (O)
2006	4,538.600	4,538.600	(P)	(P)	4,464.900 (P)	4,464.900 (P)
2007	4,550.900	4,550.900	(Q)	(Q)	4,560.800 (Q)	4,560.800 (Q)
2007 Sup	265.000	265.000	(R)	(R)	265.000 (R)	265.000 (R)
2008	4,536.000	4,536.000	(S)	(S)	4,551.970 (S)	4,551.970 (S)
2008 Sup	170.500	170.500	(T)	(T)	170.500 (T)	170.500 (T)
2009	4,812.000	4,812.000	(U)	(U)	4,635.000 (U)	4,635.000 (U)
2009 Sup	302.500	302.500	(V)	(V)	302.500 (V)	302.500 (V)
2010	5,274.390	5,274.390				

NOTE (1): Military Assistance Program included Foreign Military Financing program prior to FY 1969.

Foreign Military Financing Program/Grants

(\$ in millions)

- (a) Includes \$500M for Israel authorized by P.L. 91-441 and appropriated by P.L. 91-665.
- (b) CRA limitation.
- (c) Includes \$2,200M for Emergency Security Assistance requested, authorized and appropriated for Israel.
- (d) Includes transitional quarter (FY 197T).
- (e) Includes \$2,200M supplemental program for Israel and a \$1,500M supplemental program for Egypt.
- (f) Includes a \$10M amendment for Sudan and \$15M for Oman.
- (g) Includes \$200M proposed budget amendment for Egypt.
- (h) Reflects the amended budget request but not the supplemental budget request for program increase of \$525M for guarantee loans.
- (i) Authorization waived in Continuing Resolution Authority (P.L. 98-473 for FY 1985, and P.L. 99-500 for FY 1987).
- (j) Reflects amounts appropriated under P.L. 99-190 (final CRA). Pursuant to P.L. 99-177 (Gramm-Rudman-Hollings), \$223.17M not available for obligation.
- (k) Includes a supplemental request of \$200M.
- (l) Includes \$4,040.441 authorized by P.L. 99-500 CRA limitation and \$13.000 authorized by P.L. 100-71.
- (m) Authorization waived in Continuing Resolution (P.L. 100-202).
- (n) P.L. 100-202 appropriated \$4,049M for FY 1988. Also included in the law was a \$32M rescission applicable to the FY 1985 and FY 1986 appropriation resulting in an adjusted appropriation of \$4,017M, as shown in the FY 1989 President's Budget.
- (o) Authorization waived in P.L. 100-461.
- (p) Authorization waived in P.L. 101-167.
- (q) Congress appropriated \$4,828.403M, which was reduced by .43% for use in the control of illicit drugs. In addition, \$20M was transferred into the FMF account from the DOD budget (P.L. 101-165) resulting in \$4,827.641M available to the FMF program.
- (r) Authorization waived in P.L. 101-513.
- (s) P.L. 101-513 appropriated \$5,066.921M for FY 1991. Section 401(a) of P.L. 102-27 subsequently reduced that amount to \$4,663.421M.
- (t) Authorization waived in P.L. 102-109, P.L. 102-145, and P.L. 102-266.
- (u) P.L. 102-266 appropriated \$4,100M for FY 1992, reduced the amount appropriated by \$60.602M and provided for the transfer of \$63.75M of funds appropriated to the Demobilization and Transition Fund. P.L. 102-298 rescinded an additional \$47.100 of the FY 1992 appropriation for a net appropriation of \$3,928.548M.
- (v) Authorization waived in P.L. 102-391.
- (w) P.L. 102-391 appropriated \$3,300M for FY 1993, rescinded \$25.586M of prior year balance, and provided for the transfer of \$29M to the Demobilization and Transition Fund for a net budget authority of \$3,245.414M.
- (x) P.L. 103-87 appropriated \$3,149.279M, including deobligation/reobligation authority. The authorization was waived. During FY 1994, an Emergency Supplemental Appropriations Act was passed (P.L. 103-211) and it rescinded \$91.282M of FY 1993 and prior year balances. Subsequently, an additional \$5.6M was transferred to the IMET and Economic Support Fund accounts leaving a net appropriation of \$3,052.397M.
- (y) P.L. 103-306 appropriated \$3,151.279M for FY 1995. The Authorization was waived.
- (z) P.L. 104-107 appropriated \$3,208.390M for FY 1996. The Authorization was waived.
- (A) Pending FY 1996 FMF supplemental request of \$140M supports Jordan F-16 program; P.L. appropriated \$70M for FY 1996. The Authorization was waived.
- (B) P.L. 104-208 appropriated \$3,224M for FY 1997. The Authorization was waived.
- (C) P.L. 105-118 appropriated \$3,296.55M for FY 1998. The Authorization was waived.
- (D) P.L. 105-277 appropriated \$3,380M for FY 1999 FMF Grants. The Authorization was waived.
- (E) P.L. 106-113 appropriated \$4,788.994M for FY 2000 FMF Grants. The Authorization was waived.
- (F) P.L. 106-429 appropriated \$3,576M for FY 2001 FMF Grants. P.L. 106-554 rescinded \$7.867M of the FMF appropriation.
- (G) P.L. 107-115 appropriated \$3,650M for FY 2002 FMF Grants.
- (H) Includes \$45M appropriated under P.L. 107-38, the Emergency Response Fund. The Authorization was waived.
- (I) P.L. 107-206 appropriated \$357M for FY 2002 Supplemental FMF Grants. The Authorization was waived.
- (J) P.L. 108-7 appropriated \$4,072M for FY 2003, of which \$26.468M was rescinded and \$93M was transferred to State for Colombia Andean Counter narcotics Initiative (ACI).
- (K) P.L. 108-11 appropriated \$2,059.1M for FY 2003 Supplemental, of which \$20M was transferred to State for Colombia Andean Counter narcotics Initiative (ACI). The Authorization was waived.
- (L) P.L. 108-199 appropriated \$4,294M for FY 2004, of which \$25,334M was rescinded and \$10.9M was transferred to State

Foreign Military Financing Program/Grants

(\$ in millions)

for Economic Support Fund (ESF) needs. Additionally, the account received \$.372M from USAID funds for Afghanistan and \$2.0M in deobligation/reobligation authority for Kenya and \$0.045M of funding from MAP sales. Includes \$77M appropriated under P.L. 107-38, the Emergency Response Fund, transferred to FMF in October 2003 for Afghanistan. The Authorization was waived.

- (M) P.L. 108-106 appropriated \$287M for FY 2004 Supplemental for Afghanistan. The Authorization was waived.
- (N) P.L. 108-447 appropriated \$4,783.5M for FY 2005 of which \$38.268M was rescinded. The Authorization was waived.
- (O) P.L. 109-13 appropriated \$250M for FY 2005 Supplemental for Jordan and Pakistan. The Authorization was waived.
- (P) P.L. 109-102 appropriated \$4,510M for FY 2006 of which \$45.1M was rescinded. The Authorization was waived.
- (Q) P.L.110-5 appropriated \$4,550.8M under the FY 2007 continuing resolution. P.L. 110-28 provided a technical amendment clarifying FMF appropriation level of \$4,560.8M. The authorization was waived.
- (R) P.L. 110-28 appropriated \$265M for FY 2006 Supplemental for Jordan and Lebanon. The Authorization was waived.
- (S) P.L.110-161 appropriated \$4,588.325M for FY 2008 of which \$36.355M was rescinded. The Authorization was waived.
- (T) P.L.110-252 appropriated \$170.5M for FY 2008 Supplemental for Jordan, Mexico and Operation Enduring Friendship. The Authorization was waived.
- (U) P.L.111-8 appropriated \$4,635M for FY 2009. The authorization was waived.
- (V) P.L.110-252 appropriated \$302.5M for FY 2009 Bridge Supplemental for Israel, Jordan and Lebanon. The Authorization was waived.

Foreign Military Loan Liquidating Account (11X4121)
(Formerly Guaranty Reserve Fund)
(\$ in millions)

Fiscal Year	Request	Appropriated	Actual	Estimated
1985	274.000	109.000	0.000	—
1988	0.000	532.000	0.000	—
1989	0.000	0.000	452.065	—
1990	0.000	0.000	731.510	—
1991	0.000	0.000	127.014	—
1992	0.000	0.000	0.000	—
1993	0.000	0.000	62.678	—
1994	0.000	0.000	49.608	—
1995	0.000	0.000	39.300	—
1996	0.000	0.000	23.577	—
1997	10.599	0.000	16.500	—
1998	28.000	0.000	28.000	—
1999	31.000	0.000	37.500	—
2000	35.000	0.000	38.000	—
2001	31.000	0.000	58.000	—
2002	27.000	0.000	27.000	—
2003	25.500	0.000	25.500	—
2004	40.000	0.000	40.000	—
2005	8.000	0.000	7.500	—
2006	5.000	0.000	5.000	—
2007	8.400	0.000	8.400	—
2008	10.600	0.000	10.600	—
2009	9.700	0.000	9.700	—
2010	8.707	0.000	—	8.707

Use of borrowing from U.S. Treasury under authority of P.L. 100-202 in FY 1989, P.L. 101-167 in FY 1990, and P.L. 101-513 in FY 1991. Use of permanent indefinite appropriation authority in FY 1993 through FY 2009.

Direct Loan Financing Account (11X4122)
(\$ in millions)

	Actual FY 2008	Estimated FY 2009	Proposed FY 2010
Budget Authority and Obligations			
Direct Loans	5.000	78.000	0.000
Interest on Treasury Borrowing	5.000	8.000	0.000
Downward Subsidy Re-estimate	0.000	0.000	0.000
Interest on Downward Re-estimate	0.000	0.000	0.000
Total Budget Authority and Obligations	10.000	86.000	0.000
Disbursements	-5.000	217.000	303.000
Offsetting Collections:			
Collections on Upward Subsidy Re-estimate	-0.000	-86.000	0.000
Interest on Uninvested Funds - Treasury	-3.000	0.000	0.000
Loan Repayments from Country	-95.000	-61.000	-61.000
Total Offsetting Collections	-98.000	-147.000	-61.000
Outlays (Net)	93.000	364.000	364.000

Military Debt Reduction Financing Account (11X4174)
(\$ in millions)

	Actual FY 2008	Estimated FY 2009	Proposed FY 2010
Budget Authority and Obligations			
Loan Purchase from Liquidating Account	0.000	0.000	0.000
Interest on Debt to Treasury	11.324	0.000	0.000
Downward Subsidy Re-estimate	124.335	0.000	0.000
Total Budget Authority and Obligations	135.659	0.000	0.000
Disbursements	-191.000	-9.000	-12.000
Offsetting Collections:			
Collections from Loan Subsidy Account	-21.000	-9.000	-12.000
Collection on Upward Subsidy Re-estimate	0.000	0.000	0.000
Interest on Uninvested Funds	-9.000	0.000	0.000
Loan Repayments from Country	-318.000	-0.000	-0.000
Total Offsetting Collections	-348.000	-9.000	-12.000
Outlays (Net)	-136.000	-0.000	-0.000

International Military Education & Training Program (11-1081)
(\$ in millions)

	Actual FY 2008	Estimated FY 2009	Proposed FY 2010
Appropriation	85.877	91.000	110.283
Rescission	-0.696	—	—
Total CY budgetary resources available for obligation	85.181		110.283
Obligations from Current Year Appropriation	85.137	91.000	110.283
“X” Year unobligated funds available SOY	.966	2.288	2.288
Unobligated funds transferred from prior years	2.272	—	—
New Allocations in “X” Year	1.194	—	—
“X” Year unobligated funds available EOY	2.288	2.288	2.288
Net Outlays	80.0	92.79	112.571

International Military Education & Training Program
(\$ in millions)

Fiscal Year	Request	Authorized	Appropriated
1976	37.000	33.750	28.750
1977	32.200	30.200	25.000
1978	35.000	31.000	30.000
1979	32.100	31.800	27.900
1980	32.900	31.800	25.000 (a)
1981	32.500	34.000	28.400 (a)
1982	42.000	42.000	42.000
1983	53.700 (b)	43.000	46.000
1984	56.532	56.452	51.532 (a)
1985	60.910	– (c)	56.221 (a)
1986	65.650	56.221	54.490 (d)
1987	68.830	56.000	56.000
1988	56.000	– (e)	47.400
1989	52.500	– (f)	47.400
1990	54.500	– (g)	47.196 (h)
1991	50.500	– (i)	47.196
1992	52.500	– (j)	47.196 (k)
1993	47.500	– (l)	42.500 (m)
1994	42.500	– (n)	22.250 (n)
1995	25.500	– (o)	25.500 (o)
1996	39.781	– (p)	39.000 (p)
1997	45.000	– (q)	43.475 (q)
1998	50.000	– (r)	50.000 (r)
1999	50.000	– (s)	49.951 (s)
2000	50.000	– (t)	49.810 (t)
2001	57.875	55.000	57.748 (u)
2002	70.000	65.000	70.000 (v)
2003	80.000	85.000	79.480 (w)
2004	91.700	– (x)	91.159 (x)
2005	89.730	– (y)	89.012 (y)
2006	86.744	– (z)	85.877 (z)
2007	88.900	– (A)	85.877 (A)
2008	89.500	– (B)	85.181 (B)
2009	90.500	– (C)	91.000 (C)
2010	110.283	–	–

NOTE: The Military Assistance Program included International Military Education and Training Program prior to FY1976.

- (a) CRA limitation.
- (b) Reflects initial budget request; excludes \$1M supplemental request.
- (c) Authorization waived in Continuing Resolution (P.L. 98-473).
- (d) Reflects amounts appropriated under P.L. 99-190 (final CRA). Pursuant to P.L. 99-177 (Gramm-Rudman-Hollings) \$33.626M of MAP and \$2.343M of IMET are not available for obligation.
- (e) Authorization waived in Continuing Resolution (P.L. 100-202).
- (f) Authorization waived in P.L. 100-461.
- (g) Authorization waived in P.L. 101-167.

International Military Education & Training Program

(\$ in millions)

- (h) Congress appropriated \$47.4M which was reduced by .43% for use in the control of illicit drugs, resulting in \$47.196M available to the IMET program.
- (i) Authorization waived in P.L. 101-513.
- (j) Authorization waived in P.L. 102-109 and P.L. 102-145.
- (k) P.L. 102-266 appropriated \$47.196M for FY 1992. P.L. 102-298 rescinded \$1.925M and P.L. 102-381 reduced it an additional \$.698M for a net availability of \$44.573M.
- (l) Authorization waived in P.L. 102-391.
- (m) P.L. 102-391 appropriated \$42.5M for FY 1993.
- (n) P.L. 103-87 appropriated \$21.25M for FY 1994. The Authorization was waived. During FY 1994, an additional \$1.M was transferred into IMET from FMF making a total of \$22.25M of appropriated funds available.
- (o) P.L. 103-306 appropriated \$25.5M for FY 1995. The Authorization was waived. Subsequent to the release of the President's FY 1996 Budget, \$.85M was transferred out of the PKO account and into the IMET account (\$.35M for Botswana and \$.5M for Senegal) to enhance PKO training.
- (p) P.L. 104-107 appropriated \$39M for FY 1996. The Authorization was waived.
- (q) P.L. 104-208 appropriated \$43.475M for FY 1997. The Authorization was waived.
- (r) P.L. 105-118 appropriated \$50M for FY 1998. The Authorization was waived.
- (s) P.L. 105-277 appropriated \$50M for FY 1999. The Authorization was waived. P.L. 106-51 rescinded \$.041M. The Authorization was waived.
- (t) P.L. 106-113 appropriated \$49.810M for FY 2000. The Authorization was waived.
- (u) P.L. 106-429 appropriated \$55M for FY 2001 and \$2.875M for an emergency supplemental in support of the Southeast Europe Initiative. P.L. 106-554 rescinded \$.127M.
- (v) P.L. 107-115 appropriated \$70M for FY 2002.
- (w) P.L. 108-7 appropriated \$80M for FY 2003, of which \$.52M was rescinded.
- (x) P.L. 108-199 appropriated \$91.7M of which \$.541M was rescinded. The Authorization was waived.
- (y) P.L. 108-447 appropriated \$89.73 of which \$.718M was rescinded. The Authorization was waived.
- (z) P.L. 109-102 appropriated \$86.744M of which 0.867M was rescinded. The Authorization was waived.
- (A) P.L. 109-289 appropriated \$85.877M. The Authorization was waived.
- (B) P.L. 110-161 appropriated \$85.877M of which \$.696M was rescinded. The Authorization was waived.
- (C) P.L. 111-8 appropriated \$91M. The Authorization was waived.

Summary of Students Trained Under IMET

	FY 2008 Actual	FY 2009 Estimate	FY 2010 Request
Africa:			
Angola	—	16	20
Benin	27	27	37
Botswana	42	39	38
Burkina Faso	41	46	68
Burundi	2	7	7
Cameroon	6	5	6
Cape Verde	4	2	2
Central African Republic	—	3	3
Chad	7	10	15
Comoros	3	3	3
Cote d'Ivoire	—	4	4
Democratic Republic of Congo	76	1	2
Djibouti	7	8	7
Equatorial Guinea	—	—	2
Eritrea	—	—	—
Ethiopia	2	3	4
Gabon	8	8	8
Gambia	6	6	6
Ghana	27	28	39
Guinea	97	2	1
Guinea-Bissau	3	3	3
Kenya	15	31	42
Lesotho	4	2	4
Liberia	23	16	20
Madagascar	194	60	64
Malawi	13	13	13
Mali	7	11	14
Mauritania	122	1	2
Mauritius	127	28	28
Mozambique	4	4	6
Namibia	2	3	4
Niger	2	5	13
Nigeria	35	34	40
Republic of the Congo	23	11	15
Rwanda	60	64	61
Sao Tome and Principe	2	3	3
Senegal	31	26	29
Seychelles	1	1	1
Sierra Leone	157	157	157
South Africa	30	34	36
Southern Sudan	2	25	19
Swaziland	6	4	4
Tanzania	12	12	14
Togo	4	7	6

Summary of Students Trained Under IMET

	FY 2008 Actual	FY 2009 Estimate	FY 2010 Request
Uganda	26	24	23
Zambia	57	46	53
Subtotal - Africa	1,317	843	946
East Asia & Pacific:			
Cambodia	—	2	6
East Timor	48	92	132
Fiji	—	—	—
Indonesia	24	35	42
Kiribati	—	1	—
Laos	2	8	8
Malaysia	46	38	61
Marshall Islands	22	22	22
Mongolia	49	50	52
Nauru	—	1	—
Pacific Islands	—	—	36
Papua New Guinea	8	9	—
Philippines	61	68	80
Samoa	21	38	40
Solomon Islands	3	8	—
Thailand	71	83	83
Tonga	9	11	—
Tuvalu	—	1	—
Vanuatu	6	7	—
Vietnam	37	39	60
Subtotal - East Asia & Pacific	407	513	622
Europe & Eurasia:			
Albania	27	36	42
Armenia	32	46	27
Azerbaijan	26	25	25
Bosnia and Herzegovina	32	33	33
Bulgaria	59	57	61
Croatia	38	67	120
Czech Republic	163	158	204
Estonia	116	109	125
Georgia	29	36	42
Greece	64	14	14
Hungary	68	62	74
Kosovo	4	6	8
Latvia	102	103	113
Lithuania	96	89	98
Macedonia	13	12	29
Malta	6	2	6
Moldova	26	22	30

Summary of Students Trained Under IMET

	FY 2008 Actual	FY 2009 Estimate	FY 2010 Request
Montenegro	–	6	20
Poland	94	100	100
Portugal	14	3	3
Romania	274	256	288
Russia	2	6	2
Serbia	15	50	72
Slovakia	31	29	26
Slovenia	93	77	77
Turkey	205	228	221
Ukraine	5	5	6
Subtotal – Europe & Eurasia	1,634	1,637	1,866
Near East:			
Algeria	16	18	22
Bahrain	46	48	52
Egypt	37	39	42
Iraq	25	79	87
Jordan	179	189	231
Kuwait	–	1	1
Lebanon	97	140	164
Morocco	42	42	47
Oman	57	58	66
Qatar	–	1	1
Saudi Arabia	–	1	1
Tunisia	36	36	48
UAE	–	1	1
Yemen	34	36	40
Subtotal - Near East	569	689	803
South & Central Asia:			
Afghanistan	39	33	35
Bangladesh	34	33	50
India	82	73	73
Kazakhstan	24	18	19
Kyrgyz Republic	37	37	37
Maldives	8	9	9
Nepal	99	91	137
Pakistan	85	92	120
Sri Lanka	19	19	25
Tajikistan	8	8	10
Turkmenistan	5	5	6
Uzbekistan	–	–	–
Subtotal - South & Central Asia	440	418	521

Summary of Students Trained Under IMET

	FY 2008 Actual	FY 2009 Estimate	FY 2010 Request
Western Hemisphere:			
Antigua and Barbuda	11	12	16
Argentina	306	305	305
Bahamas	15	10	18
Barbados	11	10	12
Belize	14	13	13
Bolivia	2	7	14
Brazil	21	36	93
Chile	125	119	223
Colombia	199	196	237
Costa Rica	21	40	50
Dominica	6	7	11
Dominican Republic	64	54	61
Eastern Caribbean	—	—	—
Ecuador	5	7	15
El Salvador	206	204	242
Grenada	7	7	8
Guatemala	47	53	81
Guyana	6	6	7
Haiti	15	18	18
Honduras	208	156	156
Jamaica	52	52	55
Mexico	8	18	25
Nicaragua	35	36	72
Panama	53	90	250
Paraguay	16	14	17
Peru	59	45	85
Saint Kitts and Nevis	9	10	14
Saint Lucia	6	6	10
Saint Vincent and Grenadines	20	4	5
Suriname	9	9	17
Trinidad and Tobago	8	13	23
Uruguay	84	33	64
Venezuela	—	—	—
Subtotal - Western Hemisphere	1,648	1,590	2,217
Total	6,015	5,690	6,975